

**NHANES 1999-2000 Laboratory Data Items  
August 2004**

**Note:** Two versions of the complete list of variables are presented as Table A and Table B, respectively, in this document.

Variables in Table A are sorted by "File name" and variable position in the data.

Variables in Table B are sorted alphabetically by "Analyte/test name".

**Table A: List of variables sorted by "File name" and variable position in the data.**

<b>FILE</b>	<b>ANALYTE</b>	<b>NAME</b>	<b>LABEL</b>
lab02	Hepatitis C antibody confirmed	LBDHCV	Hepatitis C antibody
lab03	HIV antibody western blot positive	LBDHI	HIV antibody test result
lab05	Chlamydia, urine	URXUCL	Chlamydia, urine
lab05	Gonorrhea, urine	URXUGC	Gonorrhea, urine
lab06	Vitamin B12, serum	LBDB12SI	Vitamin B12, serum (pmol/L)
lab06	Cadmium, Blood	LBDBCDSI	Cadmium (umol/L)
lab06	Lead, Blood	LBDBPBSI	Lead (umol/L)
lab06	Cotinine	LBDCOTSI	Cotinine (nmol/L)
lab06	Protoporphyrin	LBDEPPSI	Protoporphyrin (umol/L RBC)
lab06	Ferritin	LBDFERSI	Ferritin (ug/L)
lab06	Folate, serum	LBDFOLSI	Folate, serum (nmol/L)
lab06	Gamma tocopherol	LBGTCSI	Gamma tocopherol (umol/L)
lab06	Mercury, Inorganic, Blood	LBDIHGSI	Mercury, Inorganic (umol/L)
lab06	Iron	LBDIRNSI	Iron (umol/L)
lab06	Folate, Red Blood Cell	LBDRBFSI	Folate, RBC (nmol/L RBC)
lab06	Retinyl palmitate	LBDRPLSI	Retinyl palmitate (umol/L)
lab06	Retinyl stearate	LBDRSTSI	Retinyl stearate(umol/L)
lab06	Selenium	LBSELSI	Selenium (nmol/L)
lab06	Mercury, total, Blood	LBPTHGSI	Mercury, total (umol/L)
lab06	TIBC	LBDTIBSI	TIBC (umol/L)
lab06	Vitamin A	LBDVIASI	Vitamin A (umol/L)
lab06	Vitamin E	LBDVIESI	Vitamin E (umol/L)
lab06	Vitamin B12, serum	LBXB12	Vitamin B12, serum (pg/mL)

lab06	Cadmium, Blood	LBXBCD	Cadmium (ug/L)
lab06	Lead, Blood	LBXBPB	Lead (ug/dL)
lab06	Cotinine	LBXCOT	Cotinine (ng/mL)
lab06	Protoporphyrin	LBXEPP	Protoporphyrin (ug/dL RBC)
lab06	Ferritin	LBXFER	Ferritin (ng/mL)
lab06	Folate, serum	LBXFOL	Folate, serum (ng/mL)
lab06	Gamma tocopherol	LBXGTC	Gamma tocopherol (ug/dL)
lab06	Homocysteine	LBXHCY	Homocysteine (umol/L)
lab06	Mercury, Inorganic, Blood	LBXIHG	Mercury, Inorganic (ug/L)
lab06	Iron	LBXIRN	Iron (ug/dL)
lab06	Methylmalonic acid	LBXMMA	Methylmalonic acid (umol/L)
lab06	Transferrin saturation	LBXPCT	Transferrin saturation (%)
lab06	Folate, Red Blood Cell	LBXRBF	Folate, RBC (ng/mL RBC)
lab06	Retinyl palmitate	LBXRPL	Retinyl palmitate (ug/dL)
lab06	Retinyl stearate	LBXRST	Retinyl stearate (ug/dL)
lab06	Selenium	LBXSEL	Selenium (ng/mL)
lab06	Mercury, total, Blood	LBXTHG	Mercury, total (ug/L)
lab06	TIBC	LBXTIB	TIBC (ug/dL)
lab06	Vitamin A	LBXVIA	Vitamin A (ug/dL)
lab06	Vitamin E	LBXVIE	Vitamin E (ug/dL)
lab06	Mercury, urine	URXUHG	Mercury, urine (ng/mL)
lab06hm	Cadmium, urine	URDUCD	Cadmium, urine (ng/mL)
lab06hm	Urinary cadmium comment code	URDUCDLC	Urinary cadmium comment code
lab06hm	Barium, urine	URXUBA	Barium, urine (ng/mL)
lab06hm	Beryllium, urine	URXUBE	Beryllium, urine (ng/mL)
lab06hm	Cobalt, urine	URXUCO	Cobalt, urine (ng/mL)
lab06hm	Creatinine, urine	URXUCR	Creatinine, urine (mg/dL)
lab06hm	Cesium, urine	URXUCS	Cesium, urine (ng/mL)
lab06hm	Molybdenum, urine	URXUMO	Molybdenum, urine (ng/mL)
lab06hm	Lead, urine	URXUPB	Lead, urine (ng/mL)
lab06hm	Platinum, urine	URXUPT	Platinum, urine (ng/mL)
lab06hm	Antimony, urine	URXUSB	Antimony, urine (ng/mL)
lab06hm	Thallium, urine	URXUTL	Thallium, urine (ng/mL)
lab06hm	Tungsten, urine	URXUTU	Tungsten, urine (ng/mL)
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 01	WTSHM01	Heavy Metal Mec Weight Jack Knife Rep 01
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 02	WTSHM02	Heavy Metal Mec Weight Jack Knife Rep 02
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 03	WTSHM03	Heavy Metal Mec Weight Jack Knife Rep 03



lab06hm	Heavy Metal Mec Weight Jack Knife Rep 41	WTSHM41	Heavy Metal Mec Weight Jack Knife Rep 41
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 42	WTSHM42	Heavy Metal Mec Weight Jack Knife Rep 42
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 43	WTSHM43	Heavy Metal Mec Weight Jack Knife Rep 43
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 44	WTSHM44	Heavy Metal Mec Weight Jack Knife Rep 44
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 45	WTSHM45	Heavy Metal Mec Weight Jack Knife Rep 45
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 46	WTSHM46	Heavy Metal Mec Weight Jack Knife Rep 46
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 47	WTSHM47	Heavy Metal Mec Weight Jack Knife Rep 47
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 48	WTSHM48	Heavy Metal Mec Weight Jack Knife Rep 48
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 49	WTSHM49	Heavy Metal Mec Weight Jack Knife Rep 49
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 50	WTSHM50	Heavy Metal Mec Weight Jack Knife Rep 50
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 51	WTSHM51	Heavy Metal Mec Weight Jack Knife Rep 51
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 52	WTSHM52	Heavy Metal Mec Weight Jack Knife Rep 52
lab06hm	Heavy Metal Subsample 2 year Mec Weight	WTSHM2YR	Heavy Metal Subsample 2 Year Mec Weight
lab07	Latex	LBXLA	Latex (IU/mL)
lab07	Latex class	LBXLACL	Latex class
lab09	Herpes I	LBXHE1	Herpes I
lab09	Herpes II	LBXHE2	Herpes II
lab10	Glycohemoglobin	LBXGH	Glycohemoglobin (%)
lab10am	C-peptide	LBXCPSI	C-peptide: SI(nmol/L)
lab10am	Glucose, plasma	LBXGLU	Glucose, plasma (mg/dL)
lab10am	Plasma glucose	LBXGLUSI	Plasma glucose: SI(mmol/L)
lab10am	Insulin	LBXIN	Insulin (uU/mL)
lab10am	Insulin	LBXINSI	Insulin: SI(pmol/L)
lab10am	Morning Mec Weight Jack Knife Rep 01	WTSAM01	Morning Mec Weight Jack Knife Rep 01
lab10am	Morning Mec Weight Jack Knife Rep 02	WTSAM02	Morning Mec Weight Jack Knife Rep 02
lab10am	Morning Mec Weight Jack Knife Rep 03	WTSAM03	Morning Mec Weight Jack Knife Rep 03
lab10am	Morning Mec Weight Jack Knife Rep 04	WTSAM04	Morning Mec Weight Jack Knife Rep 04
lab10am	Morning Mec Weight Jack Knife Rep 05	WTSAM05	Morning Mec Weight Jack Knife Rep 05
lab10am	Morning Mec Weight Jack Knife Rep 06	WTSAM06	Morning Mec Weight Jack Knife Rep 06
lab10am	Morning Mec Weight Jack Knife Rep 07	WTSAM07	Morning Mec Weight Jack Knife Rep 07
lab10am	Morning Mec Weight Jack Knife Rep 08	WTSAM08	Morning Mec Weight Jack Knife Rep 08
lab10am	Morning Mec Weight Jack Knife Rep 09	WTSAM09	Morning Mec Weight Jack Knife Rep 09
lab10am	Morning Mec Weight Jack Knife Rep 10	WTSAM10	Morning Mec Weight Jack Knife Rep 10
lab10am	Morning Mec Weight Jack Knife Rep 11	WTSAM11	Morning Mec Weight Jack Knife Rep 11
lab10am	Morning Mec Weight Jack Knife Rep 12	WTSAM12	Morning Mec Weight Jack Knife Rep 12
lab10am	Morning Mec Weight Jack Knife Rep 13	WTSAM13	Morning Mec Weight Jack Knife Rep 13
lab10am	Morning Mec Weight Jack Knife Rep 14	WTSAM14	Morning Mec Weight Jack Knife Rep 14



lab10am	Morning Mec Weight Jack Knife Rep 52	WTSAM52	Morning Mec Weight Jack Knife Rep 52
lab10am	Morning Subsample 2 Year Mec Weight	WTSAM2YR	Morning Subsample 2 Year Mec Weight
lab11	Fibrinogen	LBDFBSI	Fibrinogen (g/L)
lab11	Bone alkaline phosphatase	LBXBAP	Bone alkaline phosphatase (ug/L)
lab11	C-reactive protein	LBXCRP	C-reactive protein(mg/dL)
lab11	Fibrinogen	LBXFB	Fibrinogen (mg/dL)
lab11	Helicobacter pylori	LBXHP1	Helicobacter pylori (ISR)
lab11	N-telopeptides	URXNT	N-telopeptides (NTx) (nmol BCE)
lab13	HDL-cholesterol	LBDHDL	HDL-cholesterol (mg/dL)
lab13	HDL-cholesterol	LBDHDLSI	HDL-cholesterol (mmol/L)
lab13	Total cholesterol	LBDTCSI	Total cholesterol (mmol/L)
lab13	Total cholesterol	LBXTC	Total cholesterol (mg/dL)
lab13am	LDL-cholesterol	LBDLDL	LDL-cholesterol (mg/dL)
lab13am	LDL-cholesterol	LBDLDLSI	LDL-cholesterol (mmol/L)
lab13am	Triglyceride	LBDTRSI	Triglyceride (mmol/L)
lab13am	Triglyceride	LBXTR	Triglyceride (mg/dL)
lab13am	Morning Mec Weight Jack Knife Rep 01	WTSAM01	Morning Mec Weight Jack Knife Rep 01
lab13am	Morning Mec Weight Jack Knife Rep 02	WTSAM02	Morning Mec Weight Jack Knife Rep 02
lab13am	Morning Mec Weight Jack Knife Rep 03	WTSAM03	Morning Mec Weight Jack Knife Rep 03
lab13am	Morning Mec Weight Jack Knife Rep 04	WTSAM04	Morning Mec Weight Jack Knife Rep 04
lab13am	Morning Mec Weight Jack Knife Rep 05	WTSAM05	Morning Mec Weight Jack Knife Rep 05
lab13am	Morning Mec Weight Jack Knife Rep 06	WTSAM06	Morning Mec Weight Jack Knife Rep 06
lab13am	Morning Mec Weight Jack Knife Rep 07	WTSAM07	Morning Mec Weight Jack Knife Rep 07
lab13am	Morning Mec Weight Jack Knife Rep 08	WTSAM08	Morning Mec Weight Jack Knife Rep 08
lab13am	Morning Mec Weight Jack Knife Rep 09	WTSAM09	Morning Mec Weight Jack Knife Rep 09
lab13am	Morning Mec Weight Jack Knife Rep 10	WTSAM10	Morning Mec Weight Jack Knife Rep 10
lab13am	Morning Mec Weight Jack Knife Rep 11	WTSAM11	Morning Mec Weight Jack Knife Rep 11
lab13am	Morning Mec Weight Jack Knife Rep 12	WTSAM12	Morning Mec Weight Jack Knife Rep 12
lab13am	Morning Mec Weight Jack Knife Rep 13	WTSAM13	Morning Mec Weight Jack Knife Rep 13
lab13am	Morning Mec Weight Jack Knife Rep 14	WTSAM14	Morning Mec Weight Jack Knife Rep 14
lab13am	Morning Mec Weight Jack Knife Rep 15	WTSAM15	Morning Mec Weight Jack Knife Rep 15
lab13am	Morning Mec Weight Jack Knife Rep 16	WTSAM16	Morning Mec Weight Jack Knife Rep 16
lab13am	Morning Mec Weight Jack Knife Rep 17	WTSAM17	Morning Mec Weight Jack Knife Rep 17
lab13am	Morning Mec Weight Jack Knife Rep 18	WTSAM18	Morning Mec Weight Jack Knife Rep 18
lab13am	Morning Mec Weight Jack Knife Rep 19	WTSAM19	Morning Mec Weight Jack Knife Rep 19
lab13am	Morning Mec Weight Jack Knife Rep 20	WTSAM20	Morning Mec Weight Jack Knife Rep 20
lab13am	Morning Mec Weight Jack Knife Rep 21	WTSAM21	Morning Mec Weight Jack Knife Rep 21

lab13am	Morning Mec Weight Jack Knife Rep 22	WTSAM22	Morning Mec Weight Jack Knife Rep 22
lab13am	Morning Mec Weight Jack Knife Rep 23	WTSAM23	Morning Mec Weight Jack Knife Rep 23
lab13am	Morning Mec Weight Jack Knife Rep 24	WTSAM24	Morning Mec Weight Jack Knife Rep 24
lab13am	Morning Mec Weight Jack Knife Rep 25	WTSAM25	Morning Mec Weight Jack Knife Rep 25
lab13am	Morning Mec Weight Jack Knife Rep 26	WTSAM26	Morning Mec Weight Jack Knife Rep 26
lab13am	Morning Mec Weight Jack Knife Rep 27	WTSAM27	Morning Mec Weight Jack Knife Rep 27
lab13am	Morning Mec Weight Jack Knife Rep 28	WTSAM28	Morning Mec Weight Jack Knife Rep 28
lab13am	Morning Mec Weight Jack Knife Rep 29	WTSAM29	Morning Mec Weight Jack Knife Rep 29
lab13am	Morning Mec Weight Jack Knife Rep 30	WTSAM30	Morning Mec Weight Jack Knife Rep 30
lab13am	Morning Mec Weight Jack Knife Rep 31	WTSAM31	Morning Mec Weight Jack Knife Rep 31
lab13am	Morning Mec Weight Jack Knife Rep 32	WTSAM32	Morning Mec Weight Jack Knife Rep 32
lab13am	Morning Mec Weight Jack Knife Rep 33	WTSAM33	Morning Mec Weight Jack Knife Rep 33
lab13am	Morning Mec Weight Jack Knife Rep 34	WTSAM34	Morning Mec Weight Jack Knife Rep 34
lab13am	Morning Mec Weight Jack Knife Rep 35	WTSAM35	Morning Mec Weight Jack Knife Rep 35
lab13am	Morning Mec Weight Jack Knife Rep 36	WTSAM36	Morning Mec Weight Jack Knife Rep 36
lab13am	Morning Mec Weight Jack Knife Rep 37	WTSAM37	Morning Mec Weight Jack Knife Rep 37
lab13am	Morning Mec Weight Jack Knife Rep 38	WTSAM38	Morning Mec Weight Jack Knife Rep 38
lab13am	Morning Mec Weight Jack Knife Rep 39	WTSAM39	Morning Mec Weight Jack Knife Rep 39
lab13am	Morning Mec Weight Jack Knife Rep 40	WTSAM40	Morning Mec Weight Jack Knife Rep 40
lab13am	Morning Mec Weight Jack Knife Rep 41	WTSAM41	Morning Mec Weight Jack Knife Rep 41
lab13am	Morning Mec Weight Jack Knife Rep 42	WTSAM42	Morning Mec Weight Jack Knife Rep 42
lab13am	Morning Mec Weight Jack Knife Rep 43	WTSAM43	Morning Mec Weight Jack Knife Rep 43
lab13am	Morning Mec Weight Jack Knife Rep 44	WTSAM44	Morning Mec Weight Jack Knife Rep 44
lab13am	Morning Mec Weight Jack Knife Rep 45	WTSAM45	Morning Mec Weight Jack Knife Rep 45
lab13am	Morning Mec Weight Jack Knife Rep 46	WTSAM46	Morning Mec Weight Jack Knife Rep 46
lab13am	Morning Mec Weight Jack Knife Rep 47	WTSAM47	Morning Mec Weight Jack Knife Rep 47
lab13am	Morning Mec Weight Jack Knife Rep 48	WTSAM48	Morning Mec Weight Jack Knife Rep 48
lab13am	Morning Mec Weight Jack Knife Rep 49	WTSAM49	Morning Mec Weight Jack Knife Rep 49
lab13am	Morning Mec Weight Jack Knife Rep 50	WTSAM50	Morning Mec Weight Jack Knife Rep 50
lab13am	Morning Mec Weight Jack Knife Rep 51	WTSAM51	Morning Mec Weight Jack Knife Rep 51
lab13am	Morning Mec Weight Jack Knife Rep 52	WTSAM52	Morning Mec Weight Jack Knife Rep 52
lab13am	Morning Subsample 2 Year Mec Weight	WTSAM2YR	Morning Subsample 2 Year Mec Weight
lab16	Creatinine, urine	URXUCR	Creatinine, urine (mg/dL)
lab16	Creatinine, urine	URXUCRSI	Creatinine, urine (umol/L)
lab16	Albumin, urine	URXUMA	Albumin, urine (ug/mL)
lab16	Albumin, urine	URXUMASI	Albumin, urine (mg/L) SI
lab17	Cryptosporidium	LBDC1	Cryptosporidium (17kDA)

lab17	Cryptosporidium	LBDC2	Cryptosporidium (27kDA)
lab17	Toxoplasma	LBXTO1	Toxoplasma (IgG)
lab17	Toxoplasma	LBXTO2	Toxoplasma (IgM)
lab17	Toxoplasma (Dye)	LBXTO3	Toxoplasma (Dye)
lab17	Toxoplasma Differential Agglutination	LBXTO4	Toxoplasma Differential Agglutination
lab17	Toxoplasma (Avidity) IgG	LBXTO5	Toxoplasma (Avidity) IgG
lab17	Toxoplasma Agglutin interpretation	LBXTO4IN	Toxoplasma Agglutin interpretation
lab17	Toxoplasma (Avidity IgG) interpretation	LBXTO5IN	Toxoplasma (Avidity IgG) interpretation
lab18	Follicle stimulating hormone	LBDFSHSI	Follicle stimulating hormone (IU/L)
lab18	Luteinizing hormone	LBDLHSI	Luteinizing hormone (IU/L)
lab18	Albumin	LBDLSI	Albumin (g/L)
lab18	Blood urea nitrogen	LBDSEBSI	Blood urea nitrogen (mmol/L)
lab18	Total Calcium	LBDSCASI	Calcium, total (mmol/L)
lab18	Total Cholesterol	LBDSCHSI	Cholesterol, total (mmol/L)
lab18	Creatinine, serum	LBDSCRSI	Creatinine (umol/L)
lab18	Globulin	LBDSEBSI	Globulin (g/L)
lab18	Glucose, serum	LBDSEGLSI	Glucose (mmol/L)
lab18	Iron	LBDSEIRSI	Iron (umol/L)
lab18	Phosphorus	LBDSEPHSI	Phosphorus (mmol/L)
lab18	Bilirubin, total	LBDSEBTSI	Bilirubin, total (umol/L)
lab18	Protein, total	LBDSETPSI	Protein, total (g/L)
lab18	Triglycerides	LBDSETRS	Triglycerides (mmol/L)
lab18	Uric acid	LBDSEUASI	Uric acid (umol/L)
lab18	Follicle stimulating hormone	LBXFSH	Follicle stimulating hormone (mIU/mL)
lab18	Luteinizing hormone	LBXLH	Luteinizing hormone (mIU/mL)
lab18	Albumin	LBXSAL	Albumin (g/dL)
lab18	Alkaline phosphatase	LBXSAPSI	Alkaline phosphatase (U/L)
lab18	AST	LBXSASSI	AST (U/L)
lab18	ALT	LBXSATSI	ALT (U/L)
lab18	Blood urea nitrogen	LBXSBU	Blood urea nitrogen (mg/dL)
lab18	Bicarbonate	LBXSBC3SI	Bicarbonate (mmol/L)
lab18	Total Calcium	LBXSACA	Calcium, total (mg/dL)
lab18	Total Cholesterol	LBXSCH	Cholesterol, total (mg/dL)
lab18	Chloride	LBXSCLSI	Chloride (mmol/L)
lab18	Creatinine, serum	LBXSSCR	Creatinine (mg/dL)
lab18	Globulin	LBXSGB	Globulin (g/dL)
lab18	Glucose, serum	LBXSGL	Glucose (mg/dL)



lab18	GGT	LBXSGTSI	GGT (U/L)
lab18	Iron, serum	LBXSIR	Iron (ug/dL)
lab18	Potassium	LBXSKSI	Potassium (mmol/L)
lab18	LDH	LBXSLDSI	LDH (U/L)
lab18	Sodium	LBXSNASI	Sodium (mmol/L)
lab18	Osmolality	LBXSOSSI	Osmolality (mOsm/L)
lab18	Phosphorus	LBXSPH	Phosphorus (mg/dL)
lab18	Bilirubin, total	LBXSTB	Bilirubin, total (mg/dL)
lab18	Protein, total	LBXSTP	Protein, total (g/dL)
lab18	Triglycerides	LBXSTR	Triglycerides (mg/dL)
lab18	Uric acid	LBXSUA	Uric acid (mg/dL)
lab19	Rubella	LBDRUIU	Rubella International Units
lab19	Measles	LBXME	Measles
lab19	Varicella	LBXVAR	Varicella
lab22	Hair mercury comment	HRDHGLC	Hair Mercury Comment-MQL
lab22	Permanent, straightened, or dyed	HRQ010	Permanent, straightened, or dyed
lab22	Mercury, hair	HRXHG	Mercury, hair (ppm) MQL Version
lab25	Basophils number	LBDBANO	Basophils number
lab25	Eosinophils number	LBDEONO	Eosinophils number
lab25	Lymphocyte number	LBDLYMNO	Lymphocyte number
lab25	Monocyte number	LBDMONO	Monocyte number
lab25	Segmented neutrophils number	LBDNENO	Segmented neutrophils number
lab25	Basophils percent	LBXBAPCT	Basophils percent (%)
lab25	Eosinophils percent	LBXEOPCT	Eosinophils percent (%)
lab25	Hematocrit	LBXHCT	Hematocrit (%)
lab25	Hemoglobin	LBXHGB	Hemoglobin (g/dL)
lab25	Lymphocyte percent	LBXLYPCT	Lymphocyte percent (%)
lab25	Mean Corpuscular Hemoglobin Concentratio	LBXMC	MCHC (g/dL)
lab25	Mean cell hemoglobin	LBXMCHSI	Mean cell hemoglobin (pg)
lab25	Mean cell volume	LBXMCVSI	Mean cell volume (fL)
lab25	Monocyte percent	LBXMOPCT	Monocyte percent (%)
lab25	Mean platelet volume	LBXMPSI	Mean platelet volume (fL)
lab25	Segmented neutrophils percent	LBXNEPCT	Segmented neutrophils percent (%)
lab25	Platelet count	LBXPLTSI	Platelet count (%) SI
lab25	Red blood cell count	LBXRBCSI	Red cell count SI
lab25	Red cell distribution width	LBXRDW	Red cell distribution width (%)
lab25	White blood cell count	LBXWBCSI	White blood cell count (SI)

lab26pp	2,5-dichlorophenol comment code	URD14DLC	2,5-dichlorophenol comment code
lab26pp	2,4,5-trichlorophenol comment code	URD1TBLC	2,4,5-trichlorophenol comment code
lab26pp	2,4-D comment code	URD24DLC	2,4-D comment code
lab26pp	2,4,5-T comment code	URD25TLC	2,4,5-T comment code
lab26pp	2,4,6-trichlorophenol comment code	URD3TBLC	2,4,6-trichlorophenol comment code
lab26pp	Alachor mercapturate comment code	URDALALC	Alachor mercapturate comment code
lab26pp	Atrazine mercapturate comment code	URDATZLC	Atrazine mercapturate comment code
lab26pp	Carbaryl comment code	URDCARLC	Carbaryl comment code
lab26pp	Carbofuranphenol comment code	URDCBFLC	Carbofuranphenol comment code
lab26pp	3,5,6-trichloropyridinol comment code	URDCPMLC	3,5,6-trichloropyridinol comment code
lab26pp	2,4-dichlorophenol comment code	URDDCBLC	2,4-dichlorophenol comment code
lab26pp	DEET comment code	URDDEELC	DEET comment code
lab26pp	Oxypyrimidine comment code	URDDIZLC	Oxypyrimidine comment code
lab26pp	Malathion diacid comment code	URDMALLC	Malathion diacid comment code
lab26pp	2-naphthol comment code	URDNAPLC	2-naphthol comment code
lab26pp	O-Phenyl phenol comment code	URDOPPLC	O-Phenyl phenol comment code
lab26pp	Paranitrophenol comment code	URDPARLC	Paranitrophenol comment code
lab26pp	Pentachlorophenol comment code	URDPCPLC	Pentachlorophenol comment code
lab26pp	2-isopropoxyphenol comment code	URDPPXLC	2-isopropoxyphenol comment code
lab26pp	2,5-dichlorophenol	URX14D	2,5-dichlorophenol (ug/L)
lab26pp	2,4,5-trichlorophenol	URX1TB	2,4,5-trichlorophenol (ug/L)
lab26pp	2,4-D	URX24D	2,4-D (ug/L)
lab26pp	2,4,5-T	URX25T	2,4,5-T (ug/L)
lab26pp	2,4,6-trichlorophenol	URX3TB	2,4,6-trichlorophenol (ug/L)
lab26pp	Alachor mercapturate	URXALA	Alachor mercapturate (ug/L)
lab26pp	Atrazine mercapturate	URXATZ	Atrazine mercapturate (ug/L)
lab26pp	Carbaryl	URXCAR	Carbaryl (ug/L)
lab26pp	Carbofuranphenol	URXCBF	Carbofuranphenol (ug/L)
lab26pp	3,5,6-trichloropyridinol	URXCPM	3,5,6-trichloropyridinol (ug/L)
lab26pp	2,4-dichlorophenol	URXDCCB	2,4-dichlorophenol (ug/L)
lab26pp	DEET	URXDDEE	DEET (ug/L)
lab26pp	Oxypyrimidine	URXDIZ	Oxypyrimidine (ug/L)
lab26pp	Malathion diacid	URXMAL	Malathion diacid (ug/L)
lab26pp	2-naphthol	URXNAP	2-naphthol (ug/L)
lab26pp	Dimethylphosphate	URXOP1	Dimethylphosphate (ug/L)
lab26pp	Diethylphosphate	URXOP2	Diethylphosphate (ug/L)
lab26pp	Dimethylthiophosphate	URXOP3	Dimethylthiophosphate (ug/L)

lab26pp	Diethylthiophosphate	URXOP4	Diethylthiophosphate (ug/L)
lab26pp	Dimethyldithiophosphate	URXOP5	Dimethyldithiophosphate (ug/L)
lab26pp	Diethyldithiophosphate	URXOP6	Diethyldithiophosphate (ug/L)
lab26pp	O-Phenyl phenol	URXOPP	O-Phenyl phenol (ug/L)
lab26pp	Paranitrophenol	URXPAR	Paranitrophenol (ug/L)
lab26pp	Pentachlorophenol	URXPCP	Pentachlorophenol (ug/L)
lab26pp	2-isopropoxyphenol	URXPPX	2-isopropoxyphenol (ug/L)
lab26pp	Creatinine, urine	URXUCR	Creatinine, urine (mg/dL)
lab26pp	PPesticides Mec Weight Jack Knife Rep 01	WTSP01	PPesticides Mec Weight Jack Knife Rep 01
lab26pp	PPesticides Mec Weight Jack Knife Rep 02	WTSP02	PPesticides Mec Weight Jack Knife Rep 02
lab26pp	PPesticides Mec Weight Jack Knife Rep 03	WTSP03	PPesticides Mec Weight Jack Knife Rep 03
lab26pp	PPesticides Mec Weight Jack Knife Rep 04	WTSP04	PPesticides Mec Weight Jack Knife Rep 04
lab26pp	PPesticides Mec Weight Jack Knife Rep 05	WTSP05	PPesticides Mec Weight Jack Knife Rep 05
lab26pp	PPesticides Mec Weight Jack Knife Rep 06	WTSP06	PPesticides Mec Weight Jack Knife Rep 06
lab26pp	PPesticides Mec Weight Jack Knife Rep 07	WTSP07	PPesticides Mec Weight Jack Knife Rep 07
lab26pp	PPesticides Mec Weight Jack Knife Rep 08	WTSP08	PPesticides Mec Weight Jack Knife Rep 08
lab26pp	PPesticides Mec Weight Jack Knife Rep 09	WTSP09	PPesticides Mec Weight Jack Knife Rep 09
lab26pp	PPesticides Mec Weight Jack Knife Rep 10	WTSP10	PPesticides Mec Weight Jack Knife Rep 10
lab26pp	PPesticides Mec Weight Jack Knife Rep 11	WTSP11	PPesticides Mec Weight Jack Knife Rep 11
lab26pp	PPesticides Mec Weight Jack Knife Rep 12	WTSP12	PPesticides Mec Weight Jack Knife Rep 12
lab26pp	PPesticides Mec Weight Jack Knife Rep 13	WTSP13	PPesticides Mec Weight Jack Knife Rep 13
lab26pp	PPesticides Mec Weight Jack Knife Rep 14	WTSP14	PPesticides Mec Weight Jack Knife Rep 14
lab26pp	PPesticides Mec Weight Jack Knife Rep 15	WTSP15	PPesticides Mec Weight Jack Knife Rep 15
lab26pp	PPesticides Mec Weight Jack Knife Rep 16	WTSP16	PPesticides Mec Weight Jack Knife Rep 16
lab26pp	PPesticides Mec Weight Jack Knife Rep 17	WTSP17	PPesticides Mec Weight Jack Knife Rep 17
lab26pp	PPesticides Mec Weight Jack Knife Rep 18	WTSP18	PPesticides Mec Weight Jack Knife Rep 18
lab26pp	PPesticides Mec Weight Jack Knife Rep 19	WTSP19	PPesticides Mec Weight Jack Knife Rep 19
lab26pp	PPesticides Mec Weight Jack Knife Rep 20	WTSP20	PPesticides Mec Weight Jack Knife Rep 20
lab26pp	PPesticides Mec Weight Jack Knife Rep 21	WTSP21	PPesticides Mec Weight Jack Knife Rep 21
lab26pp	PPesticides Mec Weight Jack Knife Rep 22	WTSP22	PPesticides Mec Weight Jack Knife Rep 22
lab26pp	PPesticides Mec Weight Jack Knife Rep 23	WTSP23	PPesticides Mec Weight Jack Knife Rep 23
lab26pp	PPesticides Mec Weight Jack Knife Rep 24	WTSP24	PPesticides Mec Weight Jack Knife Rep 24
lab26pp	PPesticides Mec Weight Jack Knife Rep 25	WTSP25	PPesticides Mec Weight Jack Knife Rep 25
lab26pp	PPesticides Mec Weight Jack Knife Rep 26	WTSP26	PPesticides Mec Weight Jack Knife Rep 26
lab26pp	PPesticides Mec Weight Jack Knife Rep 27	WTSP27	PPesticides Mec Weight Jack Knife Rep 27
lab26pp	PPesticides Mec Weight Jack Knife Rep 28	WTSP28	PPesticides Mec Weight Jack Knife Rep 28
lab26pp	PPesticides Mec Weight Jack Knife Rep 29	WTSP29	PPesticides Mec Weight Jack Knife Rep 29

lab26pp	PPesticides Mec Weight Jack Knife Rep 30	WTSP30	PPesticides Mec Weight Jack Knife Rep 30
lab26pp	PPesticides Mec Weight Jack Knife Rep 31	WTSP31	PPesticides Mec Weight Jack Knife Rep 31
lab26pp	PPesticides Mec Weight Jack Knife Rep 32	WTSP32	PPesticides Mec Weight Jack Knife Rep 32
lab26pp	PPesticides Mec Weight Jack Knife Rep 33	WTSP33	PPesticides Mec Weight Jack Knife Rep 33
lab26pp	PPesticides Mec Weight Jack Knife Rep 34	WTSP34	PPesticides Mec Weight Jack Knife Rep 34
lab26pp	PPesticides Mec Weight Jack Knife Rep 35	WTSP35	PPesticides Mec Weight Jack Knife Rep 35
lab26pp	PPesticides Mec Weight Jack Knife Rep 36	WTSP36	PPesticides Mec Weight Jack Knife Rep 36
lab26pp	PPesticides Mec Weight Jack Knife Rep 37	WTSP37	PPesticides Mec Weight Jack Knife Rep 37
lab26pp	PPesticides Mec Weight Jack Knife Rep 38	WTSP38	PPesticides Mec Weight Jack Knife Rep 38
lab26pp	PPesticides Mec Weight Jack Knife Rep 39	WTSP39	PPesticides Mec Weight Jack Knife Rep 39
lab26pp	PPesticides Mec Weight Jack Knife Rep 40	WTSP40	PPesticides Mec Weight Jack Knife Rep 40
lab26pp	PPesticides Mec Weight Jack Knife Rep 41	WTSP41	PPesticides Mec Weight Jack Knife Rep 41
lab26pp	PPesticides Mec Weight Jack Knife Rep 42	WTSP42	PPesticides Mec Weight Jack Knife Rep 42
lab26pp	PPesticides Mec Weight Jack Knife Rep 43	WTSP43	PPesticides Mec Weight Jack Knife Rep 43
lab26pp	PPesticides Mec Weight Jack Knife Rep 44	WTSP44	PPesticides Mec Weight Jack Knife Rep 44
lab26pp	PPesticides Mec Weight Jack Knife Rep 45	WTSP45	PPesticides Mec Weight Jack Knife Rep 45
lab26pp	PPesticides Mec Weight Jack Knife Rep 46	WTSP46	PPesticides Mec Weight Jack Knife Rep 46
lab26pp	PPesticides Mec Weight Jack Knife Rep 47	WTSP47	PPesticides Mec Weight Jack Knife Rep 47
lab26pp	PPesticides Mec Weight Jack Knife Rep 48	WTSP48	PPesticides Mec Weight Jack Knife Rep 48
lab26pp	PPesticides Mec Weight Jack Knife Rep 49	WTSP49	PPesticides Mec Weight Jack Knife Rep 49
lab26pp	PPesticides Mec Weight Jack Knife Rep 50	WTSP50	PPesticides Mec Weight Jack Knife Rep 50
lab26pp	PPesticides Mec Weight Jack Knife Rep 51	WTSP51	PPesticides Mec Weight Jack Knife Rep 51
lab26pp	PPesticides Mec Weight Jack Knife Rep 52	WTSP52	PPesticides Mec Weight Jack Knife Rep 52
lab26pp	PPesticides Subsample 2 Year Mec Weight	WTSP2YR	PPesticides Subsample 2 Year Mec Weight
lab28poc	PCB28 comment code	LBD028LC	PCB28 comment code
lab28poc	PCB52 comment code	LBD052LC	PCB52 comment code
lab28poc	PCB66 comment code	LBD066LC	PCB66 comment code
lab28poc	PCB74 comment code	LBD074LC	PCB74 comment code
lab28poc	PCB99 comment code	LBD099LC	PCB99 comment code
lab28poc	PCB101 comment code	LBD101LC	PCB101 comment code
lab28poc	PCB105 comment code	LBD105LC	PCB105 comment code
lab28poc	PCB118 comment code	LBD118LC	PCB118 comment code
lab28poc	PCB128 comment code	LBD128LC	PCB128 comment code
lab28poc	PCB138 comment code	LBD138LC	PCB138 comment code
lab28poc	PCB146 comment code	LBD146LC	PCB146 comment code
lab28poc	PCB153 comment code	LBD153LC	PCB153 comment code
lab28poc	PCB156 comment code	LBD156LC	PCB156 comment code

lab28poc	PCB157 comment code	LBD157LC	PCB157 comment code
lab28poc	PCB167 comment code	LBD167LC	PCB167 comment code
lab28poc	PCB170 comment code	LBD170LC	PCB170 comment code
lab28poc	PCB172 comment code	LBD172LC	PCB172 comment code
lab28poc	PCB177 comment code	LBD177LC	PCB177 comment code
lab28poc	PCB178 comment code	LBD178LC	PCB178 comment code
lab28poc	PCB180 comment code	LBD180LC	PCB180 comment code
lab28poc	PCB183 comment code	LBD183LC	PCB183 comment code
lab28poc	PCB187 comment code	LBD187LC	PCB187 comment code
lab28poc	Beta-hexachlorocyclohexane comment code	LBDBHCLC	Beta-hexachlorocyclohexane comment code
lab28poc	1,2,3,7,8-pncdd comment code	LBDD01LC	1,2,3,7,8-pncdd comment code
lab28poc	1,2,3,6,7,8-hxcdd comment code	LBDD03LC	1,2,3,6,7,8-hxcdd comment code
lab28poc	1,2,3,7,8,9-hxcdd comment code	LBDD04LC	1,2,3,7,8,9-hxcdd comment code
lab28poc	1,2,3,4,6,7,8-hpcdd comment code	LBDD05LC	1,2,3,4,6,7,8-hpcdd comment code
lab28poc	1,2,3,4,6,7,8,9-ocdd comment code	LBDD07LC	1,2,3,4,6,7,8,9-ocdd comment code
lab28poc	2,3,7,8-tcdf comment code	LBDF01LC	2,3,7,8-tcdf comment code
lab28poc	1,2,3,7,8-pncdf comment code	LBDF02LC	1,2,3,7,8-pncdf comment code
lab28poc	2,3,4,7,8-pncdf comment code	LBDF03LC	2,3,4,7,8-pncdf comment code
lab28poc	1,2,3,4,7,8-hcxdf comment code	LBDF04LC	1,2,3,4,7,8-hcxdf comment code
lab28poc	1,2,3,6,7,8-hcxdf comment code	LBDF05LC	1,2,3,6,7,8-hcxdf comment code
lab28poc	1,2,3,7,8,9-hcxdf comment code	LBDF06LC	1,2,3,7,8,9-hcxdf comment code
lab28poc	2,3,4,6,7,8-hcxdf comment code	LBDF07LC	2,3,4,6,7,8-hcxdf comment code
lab28poc	1,2,3,4,6,7,8-hpcdf comment code	LBDF08LC	1,2,3,4,6,7,8-hpcdf comment code
lab28poc	1,2,3,4,6,7,8,9-ocdf comment code	LBDF10LC	1,2,3,4,6,7,8,9-ocdf comment code
lab28poc	Gamma-hexachlorocyclohexane comment code	LBDBGHCLC	Gamma-hexachlorocyclohexane comment code
lab28poc	Hexachlorobenzene comment code	LBDFHCBLC	Hexachlorobenzene comment code
lab28poc	Heptachlor Epoxide comment code	LBDFHPELC	Heptachlor Epoxide comment code
lab28poc	3,3',4,4',5,5'-hxcb comment code	LBDFHXCLC	3,3',4,4',5,5'-hxcb comment code
lab28poc	Mirex comment code	LBDFMIRLC	Mirex comment code
lab28poc	o,p'-DDT comment code	LBDFODTLC	o,p'-DDT comment code
lab28poc	Oxychlorane comment code	LBDFOXLYC	Oxychlorane comment code
lab28poc	3,3',4,4',5-pncb comment code	LBDFPCBLC	3,3',4,4',5-pncb comment code
lab28poc	p,p'-DDE comment code	LBDFPDELC	p,p'-DDE comment code
lab28poc	p,p'-DDT comment code	LBDFPDTLC	p,p'-DDT comment code
lab28poc	3,4,4',5-tcb comment code	LBDFTC2LC	3,4,4',5-tcb comment code
lab28poc	2,3,7,8-tcdd comment code	LBDFTCDL C	2,3,7,8-tcdd comment code
lab28poc	trans-Nonachlor comment code	LBDFTNALC	trans-Nonachlor comment code

lab28poc	PCB28	LBX028	PCB28 (ng/g)
lab28poc	PCB52	LBX052	PCB52 (ng/g)
lab28poc	PCB66	LBX066	PCB66 (ng/g)
lab28poc	PCB74	LBX074	PCB74 (ng/g)
lab28poc	PCB99	LBX099	PCB99 (ng/g)
lab28poc	PCB101	LBX101	PCB101 (ng/g)
lab28poc	PCB105	LBX105	PCB105 (ng/g)
lab28poc	PCB118	LBX118	PCB118 (ng/g)
lab28poc	PCB128	LBX128	PCB128 (ng/g)
lab28poc	PCB138	LBX138	PCB138 (ng/g)
lab28poc	PCB146	LBX146	PCB146 (ng/g)
lab28poc	PCB153	LBX153	PCB153 (ng/g)
lab28poc	PCB156	LBX156	PCB156 (ng/g)
lab28poc	PCB157	LBX157	PCB157 (ng/g)
lab28poc	PCB167	LBX167	PCB167 (ng/g)
lab28poc	PCB170	LBX170	PCB170 (ng/g)
lab28poc	PCB172	LBX172	PCB172 (ng/g)
lab28poc	PCB177	LBX177	PCB177 (ng/g)
lab28poc	PCB178	LBX178	PCB178 (ng/g)
lab28poc	PCB180	LBX180	PCB180 (ng/g)
lab28poc	PCB183	LBX183	PCB183 (ng/g)
lab28poc	PCB187	LBX187	PCB187 (ng/g)
lab28poc	PCB28 Lipid Adj (ng/g)	LBX028LA	PCB28 Lipid Adj (ng/g)
lab28poc	PCB52 Lipid Adj	LBX052LA	PCB52 Lipid Adj (ng/g)
lab28poc	PCB66 Lipid Adj	LBX066LA	PCB66 Lipid Adj (ng/g)
lab28poc	PCB74 Lipid Adj	LBX074LA	PCB74 Lipid Adj (ng/g)
lab28poc	PCB99 Lipid Adj	LBX099LA	PCB99 Lipid Adj (ng/g)
lab28poc	PCB101 Lipid Adj	LBX101LA	PCB101 Lipid Adj (ng/g)
lab28poc	PCB105 Lipid Adj	LBX105LA	PCB105 Lipid Adj (ng/g)
lab28poc	PCB118 Lipid Adj	LBX118LA	PCB118 Lipid Adj (ng/g)
lab28poc	PCB128 Lipid Adj	LBX128LA	PCB128 Lipid Adj (ng/g)
lab28poc	PCB138 Lipid Adj	LBX138LA	PCB138 Lipid Adj (ng/g)
lab28poc	PCB146 Lipid Adj	LBX146LA	PCB146 Lipid Adj (ng/g)
lab28poc	PCB153 Lipid Adj	LBX153LA	PCB153 Lipid Adj (ng/g)
lab28poc	PCB156 Lipid Adj	LBX156LA	PCB156 Lipid Adj (ng/g)
lab28poc	PCB157 Lipid Adj	LBX157LA	PCB157 Lipid Adj (ng/g)
lab28poc	PCB167 Lipid Adj	LBX167LA	PCB167 Lipid Adj (ng/g)

lab28poc	PCB170 Lipid Adj	LBX170LA	PCB170 Lipid Adj (ng/g)
lab28poc	PCB172 Lipid Adj	LBX172LA	PCB172 Lipid Adj (ng/g)
lab28poc	PCB177 Lipid Adj	LBX177LA	PCB177 Lipid Adj (ng/g)
lab28poc	PCB178 Lipid Adj	LBX178LA	PCB178 Lipid Adj (ng/g)
lab28poc	PCB180 Lipid Adj	LBX180LA	PCB180 Lipid Adj (ng/g)
lab28poc	PCB183 Lipid Adj	LBX183LA	PCB183 Lipid Adj (ng/g)
lab28poc	PCB187 Lipid Adj	LBX187LA	PCB187 Lipid Adj (ng/g)
lab28poc	Beta-hexachlorocyclohexane	LBXBHC	Beta-hexachlorocyclohexane (ng/g)
lab28poc	B-hexachlorocyclohexane Lipid Adj	LBXBHCLA	B-hexachlorocyclohexane Lipid Adj (ng/g)
lab28poc	1,2,3,7,8-pncdd	LBXD01	1,2,3,7,8-pncdd (fg/g)
lab28poc	1,2,3,6,7,8-hxcdd	LBXD03	1,2,3,6,7,8-hxcdd (fg/g)
lab28poc	1,2,3,7,8,9-hxcdd	LBXD04	1,2,3,7,8,9-hxcdd (fg/g)
lab28poc	1,2,3,4,6,7,8-hpcdd	LBXD05	1,2,3,4,6,7,8-hpcdd (fg/g)
lab28poc	1,2,3,4,6,7,8,9-ocdd	LBXD07	1,2,3,4,6,7,8,9-ocdd (fg/g)
lab28poc	1,2,3,7,8-pncdd Lipid Adj	LBXD01LA	1,2,3,7,8-pncdd Lipid Adj (pg/g)
lab28poc	1,2,3,6,7,8-hxcdd Lipid Adj	LBXD03LA	1,2,3,6,7,8-hxcdd Lipid Adj (pg/g)
lab28poc	1,2,3,7,8,9-hxcdd Lipid Adj	LBXD04LA	1,2,3,7,8,9-hxcdd Lipid Adj (pg/g)
lab28poc	1,2,3,4,6,7,8-hpcdd Lipid Adj	LBXD05LA	1,2,3,4,6,7,8-hpcdd Lipid Adj (pg/g)
lab28poc	1,2,3,4,6,7,8,9-ocdd Lipid Adj	LBXD07LA	1,2,3,4,6,7,8,9-ocdd Lipid Adj (pg/g)
lab28poc	2,3,7,8-tcdf	LBXF01	2,3,7,8-tcdf (fg/g)
lab28poc	1,2,3,7,8-pncdf	LBXF02	1,2,3,7,8-pncdf (fg/g)
lab28poc	2,3,4,7,8-pncdf	LBXF03	2,3,4,7,8-pncdf (fg/g)
lab28poc	1,2,3,4,7,8-hxcdf	LBXF04	1,2,3,4,7,8-hxcdf (fg/g)
lab28poc	1,2,3,6,7,8-hxcdf	LBXF05	1,2,3,6,7,8-hxcdf (fg/g)
lab28poc	1,2,3,7,8,9-hxcdf	LBXF06	1,2,3,7,8,9-hxcdf (fg/g)
lab28poc	2,3,4,6,7,8-hxcdf	LBXF07	2,3,4,6,7,8-hxcdf (fg/g)
lab28poc	1,2,3,4,6,7,8-hpcdf	LBXF08	1,2,3,4,6,7,8-hpcdf (fg/g)
lab28poc	1,2,3,4,6,7,8,9-ocdf	LBXF10	1,2,3,4,6,7,8,9-ocdf (fg/g)
lab28poc	2,3,7,8-tcdf Lipid Adj	LBXF01LA	2,3,7,8-tcdf Lipid Adj (pg/g)
lab28poc	1,2,3,7,8-pncdf Lipid Adj	LBXF02LA	1,2,3,7,8-pncdf Lipid Adj (pg/g)
lab28poc	2,3,4,7,8-pncdf Lipid Adj	LBXF03LA	2,3,4,7,8-pncdf Lipid Adj (pg/g)
lab28poc	1,2,3,4,7,8-hxcdf Lipid Adj	LBXF04LA	1,2,3,4,7,8-hxcdf Lipid Adj (pg/g)
lab28poc	1,2,3,6,7,8-hxcdf Lipid Adj	LBXF05LA	1,2,3,6,7,8-hxcdf Lipid Adj (pg/g)
lab28poc	1,2,3,7,8,9-hxcdf Lipid Adj	LBXF06LA	1,2,3,7,8,9-hxcdf Lipid Adj (pg/g)
lab28poc	2,3,4,6,7,8-hxcdf Lipid Adj	LBXF07LA	2,3,4,6,7,8-hxcdf Lipid Adj (pg/g)
lab28poc	1,2,3,4,6,7,8-hxcdf Lipid Adj	LBXF08LA	1,2,3,4,6,7,8-hxcdf Lipid Adj (pg/g)
lab28poc	1,2,3,4,6,7,8,9-ocdf Lipid Adj	LBXF10LA	1,2,3,4,6,7,8,9-ocdf Lipid Adj (pg/g)

lab28poc	Gamma-hexachlorocyclohexane	LBXGHC	Gamma-hexachlorocyclohexane (ng/g)
lab28poc	G-hexachlorocyclohexane Lipid Adj	LBXGHCLA	G-hexachlorocyclohexane Lipid Adj (ng/g)
lab28poc	Hexachlorobenzene	LBXHCB	Hexachlorobenzene (ng/g)
lab28poc	Hexachlorobenzene Lipid Adj	LBXHCBLA	Hexachlorobenzene Lipid Adj (ng/g)
lab28poc	Heptachlor Epoxide	LBXHPE	Heptachlor Epoxide (ng/g)
lab28poc	Heptachlor Epoxide Lipid Adj	LBXHPELA	Heptachlor Epoxide Lipid Adj (ng/g)
lab28poc	3,3',4,4',5,5'-hxcb	LBXHXC	3,3',4,4',5,5'-hxcb (fg/g)
lab28poc	3,3',4,4',5,5'-hxcb Lipid Adj	LBXHXCCLA	3,3',4,4',5,5'-hxcb Lipid Adj (pg/g)
lab28poc	Mirex	LBXMIR	Mirex (ng/g)
lab28poc	Mirex Lipid Adj	LBXMIRLA	Mirex Lipid Adj (ng/g)
lab28poc	o,p'-DDT	LBXODT	o,p'-DDT (ng/g)
lab28poc	opDDT Lipid Adj	LBXODTLA	opDDT Lipid Adj (ng/g)
lab28poc	Oxychlorane	LBXOXY	Oxychlorane (ng/g)
lab28poc	Oxychlorane Lipid Adj	LBXOXYLA	Oxychlorane Lipid Adj (ng/g)
lab28poc	3,3',4,4',5-pncb	LBXPCB	3,3',4,4',5-pncb (fg/g)
lab28poc	3,3',4,4',5-pncb Lipid Adj	LBXPCBLA	3,3',4,4',5-pncb Lipid Adj (pg/g)
lab28poc	p,p'-DDE (ng/g)	LBXPDE	p,p'-DDE (ng/g)
lab28poc	ppDDE Lipid Adj	LBXPDELA	ppDDE Lipid Adj (ng/g)
lab28poc	p,p'-DDT	LBXPDT	p,p'-DDT (ng/g)
lab28poc	ppDDT Lipid Adj	LBXPDTLA	ppDDT Lipid Adj (ng/g)
lab28poc	3,4,4',5-tcb	LBXTC2	3,4,4',5-tcb (fg/g)
lab28poc	3,4,4',5-tcb Lipid Adj	LBXTC2LA	3,4,4',5-tcb Lipid Adj (pg/g)
lab28poc	2,3,7,8-tcdd	LBXTCD	2,3,7,8-tcdd (fg/g)
lab28poc	2,3,7,8-tcdd Lipid Adj	LBXTCDLA	2,3,7,8-tcdd Lipid Adj (pg/g)
lab28poc	trans-Nonachlor	LBXTNA	trans-Nonachlor (ng/g)
lab28poc	Trans-nonachlor Lipid Adj	LBXTNALA	Trans-nonachlor Lipid Adj (ng/g)
lab28poc	Dioxins Mec Weight Jack Knife Rep 01	WTSP001	Dioxins Mec Weight Jack Knife Rep 01
lab28poc	Dioxins Mec Weight Jack Knife Rep 02	WTSP002	Dioxins Mec Weight Jack Knife Rep 02
lab28poc	Dioxins Mec Weight Jack Knife Rep 03	WTSP003	Dioxins Mec Weight Jack Knife Rep 03
lab28poc	Dioxins Mec Weight Jack Knife Rep 04	WTSP004	Dioxins Mec Weight Jack Knife Rep 04
lab28poc	Dioxins Mec Weight Jack Knife Rep 05	WTSP005	Dioxins Mec Weight Jack Knife Rep 05
lab28poc	Dioxins Mec Weight Jack Knife Rep 06	WTSP006	Dioxins Mec Weight Jack Knife Rep 06
lab28poc	Dioxins Mec Weight Jack Knife Rep 07	WTSP007	Dioxins Mec Weight Jack Knife Rep 07
lab28poc	Dioxins Mec Weight Jack Knife Rep 08	WTSP008	Dioxins Mec Weight Jack Knife Rep 08
lab28poc	Dioxins Mec Weight Jack Knife Rep 09	WTSP009	Dioxins Mec Weight Jack Knife Rep 09
lab28poc	Dioxins Mec Weight Jack Knife Rep 10	WTSP010	Dioxins Mec Weight Jack Knife Rep 10
lab28poc	Dioxins Mec Weight Jack Knife Rep 11	WTSP011	Dioxins Mec Weight Jack Knife Rep 11





lab28poc	Dioxins Mec Weight Jack Knife Rep 49	WTSP049	Dioxins Mec Weight Jack Knife Rep 49
lab28poc	Dioxins Mec Weight Jack Knife Rep 50	WTSP050	Dioxins Mec Weight Jack Knife Rep 50
lab28poc	Dioxins Mec Weight Jack Knife Rep 51	WTSP051	Dioxins Mec Weight Jack Knife Rep 51
lab28poc	Dioxins Mec Weight Jack Knife Rep 52	WTSP052	Dioxins Mec Weight Jack Knife Rep 52
lab28poc	Dioxins Subsample 2 Year Mec Weight	WTSP02YR	Dioxins Subsample 2 Year Mec Weight
ph	Alcohol fast time (hours)	PHAALCHR	Alcohol fast time (hours)
ph	Alcohol fast time (minutes)	PHAALCMN	Alcohol fast time (minutes)
ph	Antacids, laxatives fast time (hours)	PHAANTHR	Antacids, laxatives fast time (hours)
ph	Antacids, laxatives fast time (minutes)	PHAANTMN	Antacids, laxatives fast time (minutes)
ph	Coffee/tea fast time (hours)	PHACOFHR	Coffee/tea fast time (hours)
ph	Coffee/tea fast time (minutes)	PHACOFMN	Coffee/tea fast time (minutes)
ph	Total length of 'food fast,' hours	PHAFSTHR	Total length of "food fast," hours
ph	Total length of 'food fast,' minutes	PHAFSTMN	Total length of "food fast," minutes
ph	Gum, mints cough drops fast time (hours)	PHAGUMHR	Gum, mints cough drops fast time (hours)
ph	Gum, mints, cough fast time (minutes)	PHAGUMMN	Gum, mints, cough fast time (minutes)
ph	Dietary supplements fast time (hours)	PHASUPHR	Dietary supplements fast time (hours)
ph	Dietary supplements fast time (minutes)	PHASUPMN	Dietary supplements fast time (minutes)
ph	Coffee or tea with cream or sugar?	PHQ020	Coffee or tea with cream or sugar?
ph	Alcohol, such as beer, wine, or liquor?	PHQ030	Alcohol, such as beer, wine, or liquor?
ph	Gum, mints, lozenges or cough drops	PHQ040	Gum, mints, lozenges or cough drops
ph	Antacids, laxatives, or anti-diarrheals?	PHQ050	Antacids, laxatives, or anti-diarrheals?
ph	Dietary supplements?	PHQ060	Dietary supplements?
ph	Hemophilia?	SEQ010	Hemophilia?
ph	cancer chemotherapy past or future 4 wks	SEQ020	cancer chemotherapy past or future 4 wks
phpypa	3-fluorene comment code	URDP03LC	3-fluorene comment code
phpypa	2-fluorene comment code	URDP04LC	2-fluorene comment code
phpypa	3-phenanthrene comment code	URDP05LC	3-phenanthrene comment code
phpypa	1-phenanthrene comment code	URDP06LC	1-phenanthrene comment code
phpypa	2-phenanthrene comment code	URDP07LC	2-phenanthrene comment code
phpypa	1-benzo[c] phenanthrene comment code	URDP08LC	1-benzo[c] phenanthrene comment code
phpypa	3-fluoranthene comment code	URDP09LC	3-fluoranthene comment code
phpypa	1-pyrene comment code	URDP10LC	1-pyrene comment code
phpypa	2-benzo[c] phenanthrene comment code	URDP11LC	2-benzo[c] phenanthrene comment code
phpypa	1-benzo[a] anthracene comment code	URDP12LC	1-benzo[a] anthracene comment code
phpypa	6-chrysene comment code	URDP13LC	6-chrysene comment code
phpypa	3-benzo[c] phenanthrene comment code	URDP14LC	3-benzo[c] phenanthrene comment code
phpypa	3-chrysene comment code	URDP15LC	3-chrysene comment code

phpypa	3-benz[a] anthracene comment code	URDP16LC	3-benz[a] anthracene comment code
phpypa	Daidzein	URXDAZ	Daidzein (ng/mL)
phpypa	o-Desmethylangolensin (O-DMA)	URXDMA	o-Desmethylangolensin (O-DMA) (ng/mL)
phpypa	Equol	URXEQU	Equol (ng/mL)
phpypa	Enterodiol	URXETD	Enterodiol (ng/mL)
phpypa	Enterolactone	URXETL	Enterolactone (ng/mL)
phpypa	Genistein	URXGNS	Genistein (ng/mL)
phpypa	mono-n-butyl phthalate	URXMBP	mono-n-butyl phthalate (ng/mL)
phpypa	mono-cyclohexyl phthalate	URXMCP	mono-cyclohexyl phthalate (ng/mL)
phpypa	mono-ethyl phthalate	URXMEP	mono-ethyl phthalate (ng/mL)
phpypa	mono-(2-ethyl)-hexyl phthalate	URXMHP	mono-(2-ethyl)-hexyl phthalate (ng/mL)
phpypa	mono-isononyl phthalate	URXMNP	mono-isononyl phthalate (ng/mL)
phpypa	mono-n-octyl phthalate	URXMOP	mono-n-octyl phthalate (ng/mL)
phpypa	mono-benzyl phthalate	URXMZP	mono-benzyl phthalate (ng/mL)
phpypa	3-fluorene	URXP03	3-fluorene (ng/L)
phpypa	2-fluorene	URXP04	2-fluorene (ng/L)
phpypa	3-phenanthrene	URXP05	3-phenanthrene (ng/L)
phpypa	1-phenanthrene	URXP06	1-phenanthrene (ng/L)
phpypa	2-phenanthrene	URXP07	2-phenanthrene (ng/L)
phpypa	1-benzo[c] phenanthrene	URXP08	1-benzo[c] phenanthrene (ng/L)
phpypa	3-fluoranthene	URXP09	3-fluoranthene (ng/L)
phpypa	1-pyrene	URXP10	1-pyrene (ng/L)
phpypa	2-benzo[c] phenanthrene	URXP11	2-benzo[c] phenanthrene (ng/L)
phpypa	1-benzo[a] anthracene	URXP12	1-benzo[a] anthracene (ng/L)
phpypa	6-chrysene	URXP13	6-chrysene (ng/L)
phpypa	3-benzo[c] phenanthrene	URXP14	3-benzo[c] phenanthrene (ng/L)
phpypa	3-chrysene	URXP15	3-chrysene (ng/L)
phpypa	3-benz[a] anthracene	URXP16	3-benz[a] anthracene (ng/L)
phpypa	Creatinine, urine	URXUCR	Creatinine, urine (mg/dL)
phpypa	Phthalate Mec Weight Jack Knife Rep 01	WTSPH01	Phthalate Mec Weight Jack Knife Rep 01
phpypa	Phthalate Mec Weight Jack Knife Rep 02	WTSPH02	Phthalate Mec Weight Jack Knife Rep 02
phpypa	Phthalate Mec Weight Jack Knife Rep 03	WTSPH03	Phthalate Mec Weight Jack Knife Rep 03
phpypa	Phthalate Mec Weight Jack Knife Rep 04	WTSPH04	Phthalate Mec Weight Jack Knife Rep 04
phpypa	Phthalate Mec Weight Jack Knife Rep 05	WTSPH05	Phthalate Mec Weight Jack Knife Rep 05
phpypa	Phthalate Mec Weight Jack Knife Rep 06	WTSPH06	Phthalate Mec Weight Jack Knife Rep 06
phpypa	Phthalate Mec Weight Jack Knife Rep 07	WTSPH07	Phthalate Mec Weight Jack Knife Rep 07
phpypa	Phthalate Mec Weight Jack Knife Rep 08	WTSPH08	Phthalate Mec Weight Jack Knife Rep 08



phypya	Phthalate Mec Weight Jack Knife Rep 46	WTSPH46	Phthalate Mec Weight Jack Knife Rep 46
phypya	Phthalate Mec Weight Jack Knife Rep 47	WTSPH47	Phthalate Mec Weight Jack Knife Rep 47
phypya	Phthalate Mec Weight Jack Knife Rep 48	WTSPH48	Phthalate Mec Weight Jack Knife Rep 48
phypya	Phthalate Mec Weight Jack Knife Rep 49	WTSPH49	Phthalate Mec Weight Jack Knife Rep 49
phypya	Phthalate Mec Weight Jack Knife Rep 50	WTSPH50	Phthalate Mec Weight Jack Knife Rep 50
phypya	Phthalate Mec Weight Jack Knife Rep 51	WTSPH51	Phthalate Mec Weight Jack Knife Rep 51
phypya	Phthalate Mec Weight Jack Knife Rep 52	WTSPH52	Phthalate Mec Weight Jack Knife Rep 52
phypya	Phthalate Subsample 2 Year Mec Weight	WTSPH2YR	Phthalate Subsample 2 Year Mec Weight
uc	Pregnancy test result	URXPREG	Pregnancy test result

**Table B: List of variables sorted alphabetically by "Analyte/test name".**

File name	Analyte/test name	Variable ID	Description
FILE	ANALYTE	NAME	LABEL
lab28poc	1,2,3,4,6,7,8,9-ocdd	LBXD07	1,2,3,4,6,7,8,9-ocdd (fg/g)
lab28poc	1,2,3,4,6,7,8,9-ocdd Lipid Adj	LBXD07LA	1,2,3,4,6,7,8,9-ocdd Lipid Adj (pg/g)
lab28poc	1,2,3,4,6,7,8,9-ocdd comment code	LBDD07LC	1,2,3,4,6,7,8,9-ocdd comment code
lab28poc	1,2,3,4,6,7,8,9-ocdf	LBXF10	1,2,3,4,6,7,8,9-ocdf (fg/g)
lab28poc	1,2,3,4,6,7,8,9-ocdf Lipid Adj	LBXF10LA	1,2,3,4,6,7,8,9-ocdf Lipid Adj (pg/g)
lab28poc	1,2,3,4,6,7,8,9-ocdf comment code	LBDF10LC	1,2,3,4,6,7,8,9-ocdf comment code
lab28poc	1,2,3,4,6,7,8-hpcdd	LBXD05	1,2,3,4,6,7,8-hpcdd (fg/g)
lab28poc	1,2,3,4,6,7,8-hpcdd Lipid Adj	LBXD05LA	1,2,3,4,6,7,8-hpcdd Lipid Adj (pg/g)
lab28poc	1,2,3,4,6,7,8-hpcdd comment code	LBDD05LC	1,2,3,4,6,7,8-hpcdd comment code
lab28poc	1,2,3,4,6,7,8-hpcdf	LBXF08	1,2,3,4,6,7,8-hpcdf (fg/g)
lab28poc	1,2,3,4,6,7,8-hpcdf comment code	LBDF08LC	1,2,3,4,6,7,8-hpcdf comment code
lab28poc	1,2,3,4,6,7,8-hxcdf Lipid Adj	LBXF08LA	1,2,3,4,6,7,8-hxcdf Lipid Adj (pg/g)
lab28poc	1,2,3,4,7,8-hxcdf	LBXF04	1,2,3,4,7,8-hxcdf (fg/g)
lab28poc	1,2,3,4,7,8-hxcdf comment code	LBDF04LC	1,2,3,4,7,8-hxcdf comment code
lab28poc	1,2,3,4,7,8-hxcdf Lipid Adj	LBXF04LA	1,2,3,4,7,8-hxcdf Lipid Adj (pg/g)
lab28poc	1,2,3,6,7,8-hxcdd	LBXD03	1,2,3,6,7,8-hxcdd (fg/g)
lab28poc	1,2,3,6,7,8-hxcdd Lipid Adj	LBXD03LA	1,2,3,6,7,8-hxcdd Lipid Adj (pg/g)
lab28poc	1,2,3,6,7,8-hxcdd comment code	LBDD03LC	1,2,3,6,7,8-hxcdd comment code
lab28poc	1,2,3,6,7,8-hxcdf	LBXF05	1,2,3,6,7,8-hxcdf (fg/g)
lab28poc	1,2,3,6,7,8-hxcdf Lipid Adj	LBXF05LA	1,2,3,6,7,8-hxcdf Lipid Adj (pg/g)

lab28poc	1,2,3,6,7,8-hxcdf comment code	LBDF05LC	1,2,3,6,7,8-hxcdf comment code
lab28poc	1,2,3,7,8,9-hxcdd	LBXD04	1,2,3,7,8,9-hxcdd (fg/g)
lab28poc	1,2,3,7,8,9-hxcdd Lipid Adj	LBXD04LA	1,2,3,7,8,9-hxcdd Lipid Adj (pg/g)
lab28poc	1,2,3,7,8,9-hxcdd comment code	LBDD04LC	1,2,3,7,8,9-hxcdd comment code
lab28poc	1,2,3,7,8,9-hxcdf	LBXF06	1,2,3,7,8,9-hxcdf (fg/g)
lab28poc	1,2,3,7,8,9-hxcdf Lipid Adj	LBXF06LA	1,2,3,7,8,9-hxcdf Lipid Adj (pg/g)
lab28poc	1,2,3,7,8,9-hxcdf comment code	LBDF06LC	1,2,3,7,8,9-hxcdf comment code
lab28poc	1,2,3,7,8-pncdd	LBXD01	1,2,3,7,8-pncdd (fg/g)
lab28poc	1,2,3,7,8-pncdd Lipid Adj	LBXD01LA	1,2,3,7,8-pncdd Lipid Adj (pg/g)
lab28poc	1,2,3,7,8-pncdd comment code	LBDD01LC	1,2,3,7,8-pncdd comment code
lab28poc	1,2,3,7,8-pncdf	LBXF02	1,2,3,7,8-pncdf (fg/g)
lab28poc	1,2,3,7,8-pncdf Lipid Adj	LBXF02LA	1,2,3,7,8-pncdf Lipid Adj (pg/g)
lab28poc	1,2,3,7,8-pncdf comment code	LBDF02LC	1,2,3,7,8-pncdf comment code
phpypa	1-benzo[a] anthracene	URXP12	1-benzo[a] anthracene (ng/L)
phpypa	1-benzo[a] anthracene comment code	URDP12LC	1-benzo[a] anthracene comment code
phpypa	1-benzo[c] phenanthrene	URXP08	1-benzo[c] phenanthrene (ng/L)
phpypa	1-benzo[c] phenanthrene comment code	URDP08LC	1-benzo[c] phenanthrene comment code
phpypa	1-phenanthrene	URXP06	1-phenanthrene (ng/L)
phpypa	1-phenanthrene comment code	URDP06LC	1-phenanthrene comment code
phpypa	1-pyrene	URXP10	1-pyrene (ng/L)
phpypa	1-pyrene comment code	URDP10LC	1-pyrene comment code
lab28poc	2,3,4,6,7,8-hxcdf	LBXF07	2,3,4,6,7,8-hxcdf (fg/g)
lab28poc	2,3,4,6,7,8-hxcdf Lipid Adj	LBXF07LA	2,3,4,6,7,8-hxcdf Lipid Adj (pg/g)
lab28poc	2,3,4,6,7,8-hxcdf comment code	LBDF07LC	2,3,4,6,7,8-hxcdf comment code
lab28poc	2,3,4,7,8-pncdf	LBXF03	2,3,4,7,8-pncdf (fg/g)
lab28poc	2,3,4,7,8-pncdf Lipid Adj	LBXF03LA	2,3,4,7,8-pncdf Lipid Adj (pg/g)
lab28poc	2,3,4,7,8-pncdf comment code	LBDF03LC	2,3,4,7,8-pncdf comment code
lab28poc	2,3,7,8-tcdd	LBXTCD	2,3,7,8-tcdd (fg/g)
lab28poc	2,3,7,8-tcdd Lipid Adj	LBXTCDLA	2,3,7,8-tcdd Lipid Adj (pg/g)
lab28poc	2,3,7,8-tcdd comment code	LBDTCDLC	2,3,7,8-tcdd comment code
lab28poc	2,3,7,8-tcdf	LBXF01	2,3,7,8-tcdf (fg/g)
lab28poc	2,3,7,8-tcdf Lipid Adj	LBXF01LA	2,3,7,8-tcdf Lipid Adj (pg/g)
lab28poc	2,3,7,8-tcdf comment code	LBDF01LC	2,3,7,8-tcdf comment code
lab26pp	2,4,5-T	URX25T	2,4,5-T (ug/L)
lab26pp	2,4,5-T comment code	URD25TLC	2,4,5-T comment code
lab26pp	2,4,5-trichlorophenol	URX1TB	2,4,5-trichlorophenol (ug/L)
lab26pp	2,4,5-trichlorophenol comment code	URD1TBLC	2,4,5-trichlorophenol comment code

lab26pp	2,4,6-trichlorophenol	URX3TB	2,4,6-trichlorophenol (ug/L)
lab26pp	2,4,6-trichlorophenol comment code	URD3TBLC	2,4,6-trichlorophenol comment code
lab26pp	2,4-D	URX24D	2,4-D (ug/L)
lab26pp	2,4-D comment code	URD24DLC	2,4-D comment code
lab26pp	2,4-dichlorophenol	URXDCB	2,4-dichlorophenol (ug/L)
lab26pp	2,4-dichlorophenol comment code	URDDCBLC	2,4-dichlorophenol comment code
lab26pp	2,5-dichlorophenol	URX14D	2,5-dichlorophenol (ug/L)
lab26pp	2,5-dichlorophenol comment code	URD14DLC	2,5-dichlorophenol comment code
phpypa	2-benzo[c] phenanthrene	URXP11	2-benzo[c] phenanthrene (ng/L)
phpypa	2-benzo[c] phenanthrene comment code	URDP11LC	2-benzo[c] phenanthrene comment code
phpypa	2-fluorene	URXP04	2-fluorene (ng/L)
phpypa	2-fluorene comment code	URDP04LC	2-fluorene comment code
lab26pp	2-isopropoxyphenol	URXPPX	2-isopropoxyphenol (ug/L)
lab26pp	2-isopropoxyphenol comment code	URDPPXLC	2-isopropoxyphenol comment code
lab26pp	2-naphthol	URXNAP	2-naphthol (ug/L)
lab26pp	2-naphthol comment code	URDNAPLC	2-naphthol comment code
phpypa	2-phenanthrene	URXP07	2-phenanthrene (ng/L)
phpypa	2-phenanthrene comment code	URDP07LC	2-phenanthrene comment code
lab28poc	3,3',4,4',5,5'-hxcb	LBXHXC	3,3',4,4',5,5'-hxcb (fg/g)
lab28poc	3,3',4,4',5,5'-hxcb Lipid Adj	LBXHXCCLA	3,3',4,4',5,5'-hxcb Lipid Adj (pg/g)
lab28poc	3,3',4,4',5,5'-hxcb comment code	LBDHXCLC	3,3',4,4',5,5'-hxcb comment code
lab28poc	3,3',4,4',5-pncb Lipid Adj	LBXPCBLA	3,3',4,4',5-pncb Lipid Adj (pg/g)
lab28poc	3,3',4,4',5-pncb	LBXPCB	3,3',4,4',5-pncb (fg/g)
lab28poc	3,3',4,4',5-pncb comment code	LBDPCBLC	3,3',4,4',5-pncb comment code
lab28poc	3,4,4',5-tcb	LBXTC2	3,4,4',5-tcb (fg/g)
lab28poc	3,4,4',5-tcb Lipid Adj	LBXTC2LA	3,4,4',5-tcb Lipid Adj (pg/g)
lab28poc	3,4,4',5-tcb comment code	LBDC2LC	3,4,4',5-tcb comment code
lab26pp	3,5,6-trichloropyridinol	URXCPM	3,5,6-trichloropyridinol (ug/L)
lab26pp	3,5,6-trichloropyridinol comment code	URDCPMLC	3,5,6-trichloropyridinol comment code
phpypa	3-benz[a] anthracene	URXP16	3-benz[a] anthracene (ng/L)
phpypa	3-benz[a] anthracene comment code	URDP16LC	3-benz[a] anthracene comment code
phpypa	3-benzo[c] phenanthrene	URXP14	3-benzo[c] phenanthrene (ng/L)
phpypa	3-benzo[c] phenanthrene comment code	URDP14LC	3-benzo[c] phenanthrene comment code
phpypa	3-chrysene	URXP15	3-chrysene (ng/L)
phpypa	3-chrysene comment code	URDP15LC	3-chrysene comment code
phpypa	3-fluoranthene	URXP09	3-fluoranthene (ng/L)
phpypa	3-fluoranthene comment code	URDP09LC	3-fluoranthene comment code

phpypa	3-fluorene	URXP03	3-fluorene (ng/L)
phpypa	3-fluorene comment code	URDP03LC	3-fluorene comment code
phpypa	3-phenanthrene	URXP05	3-phenanthrene (ng/L)
phpypa	3-phenanthrene comment code	URDP05LC	3-phenanthrene comment code
phpypa	6-chrysene	URXP13	6-chrysene (ng/L)
phpypa	6-chrysene comment code	URDP13LC	6-chrysene comment code
lab18	ALT	LBXSATSI	ALT (U/L)
lab18	AST	LBXSASSI	AST (U/L)
lab26pp	Alachor mercapturate	URXALA	Alachor mercapturate (ug/L)
lab26pp	Alachor mercapturate comment code	URDALALC	Alachor mercapturate comment code
lab18	Albumin	LBDSALSI	Albumin (g/L)
lab18	Albumin	LBXSAL	Albumin (g/dL)
lab16	Albumin, urine	URXUMA	Albumin, urine (ug/mL)
lab16	Albumin, urine	URXUMASI	Albumin, urine (mg/L) SI
ph	Alcohol fast time (hours)	PHAALCHR	Alcohol fast time (hours)
ph	Alcohol fast time (minutes)	PHAALCMN	Alcohol fast time (minutes)
ph	Alcohol, such as beer, wine, or liquor?	PHQ030	Alcohol, such as beer, wine, or liquor?
lab18	Alkaline phosphatase	LBXSAPSI	Alkaline phosphatase (U/L)
ph	Antacids, laxatives fast time (hours)	PHAANTHR	Antacids, laxatives fast time (hours)
ph	Antacids, laxatives fast time (minutes)	PHAANTMN	Antacids, laxatives fast time (minutes)
ph	Antacids, laxatives, or anti-diarrheals?	PHQ050	Antacids, laxatives, or anti-diarrheals?
lab06hm	Antimony, urine	URXUSB	Antimony, urine (ng/mL)
lab26pp	Atrazine mercapturate	URXATZ	Atrazine mercapturate (ug/L)
lab26pp	Atrazine mercapturate comment code	URDATZLC	Atrazine mercapturate comment code
lab28poc	B-hexachlorocyclohexane Lipid Adj	LBXBHCLA	B-hexachlorocyclohexane Lipid Adj (ng/g)
lab06hm	Barium, urine	URXUBA	Barium, urine (ng/mL)
lab25	Basophils number	LBDBANO	Basophils number
lab25	Basophils percent	LBXBAPCT	Basophils percent (%)
lab06hm	Beryllium, urine	URXUBE	Beryllium, urine (ng/mL)
lab28poc	Beta-hexachlorocyclohexane	LBXBHC	Beta-hexachlorocyclohexane (ng/g)
lab28poc	Beta-hexachlorocyclohexane comment code	LBDBHCLC	Beta-hexachlorocyclohexane comment code
lab18	Bicarbonate	LBXSC3SI	Bicarbonate (mmol/L)
lab18	Bilirubin, total	LBDSTBSI	Bilirubin, total (umol/L)
lab18	Bilirubin, total	LBXSTB	Bilirubin, total (mg/dL)
lab18	Blood urea nitrogen	LBDSBUSI	Blood urea nitrogen (mmol/L)
lab18	Blood urea nitrogen	LBXSBU	Blood urea nitrogen (mg/dL)
lab11	Bone alkaline phosphatase	LBXBAP	Bone alkaline phosphatase (ug/L)



lab10am	C-peptide	LBXCPSI	C-peptide: SI(nmol/L)
lab11	C-reactive protein	LBXCRP	C-reactive protein(mg/dL)
lab06	Cadmium, Blood	LBDBCDSI	Cadmium (umol/L)
lab06	Cadmium, Blood	LBXBCD	Cadmium (ug/L)
lab06hm	Cadmium, urine	URDUCD	Cadmium, urine (ng/mL)
lab26pp	Carbaryl	URXCAR	Carbaryl (ug/L)
lab26pp	Carbaryl comment code	URDCARLC	Carbaryl comment code
lab26pp	Carbofuranphenol	URXCBF	Carbofuranphenol (ug/L)
lab26pp	Carbofuranphenol comment code	URDCBFLC	Carbofuranphenol comment code
lab06hm	Cesium, urine	URXUCS	Cesium, urine (ng/mL)
lab05	Chlamydia, urine	URXUCL	Chlamydia, urine
lab18	Chloride	LBXSCLSI	Chloride (mmol/L)
lab06hm	Cobalt, urine	URXUCO	Cobalt, urine (ng/mL)
ph	Coffee or tea with cream or sugar?	PHQ020	Coffee or tea with cream or sugar?
ph	Coffee/tea fast time (hours)	PHACOFHR	Coffee/tea fast time (hours)
ph	Coffee/tea fast time (minutes)	PHACOFMN	Coffee/tea fast time (minutes)
lab06	Cotinine	LBDCOTSI	Cotinine (nmol/L)
lab06	Cotinine	LBXCOT	Cotinine (ng/mL)
lab18	Creatinine, serum	LBDCRSI	Creatinine (umol/L)
lab18	Creatinine, serum	LBXSCR	Creatinine (mg/dL)
lab06hm	Creatinine, urine	URXUCR	Creatinine, urine (mg/dL)
lab16	Creatinine, urine	URXUCR	Creatinine, urine (mg/dL)
lab16	Creatinine, urine	URXUCRSI	Creatinine, urine (umol/L)
lab26pp	Creatinine, urine	URXUCR	Creatinine, urine (mg/dL)
phypa	Creatinine, urine	URXUCR	Creatinine, urine (mg/dL)
lab17	Cryptosporidium	LBDC1	Cryptosporidium (17kDA)
lab17	Cryptosporidium	LBDC2	Cryptosporidium (27kDA)
lab26pp	DEET	URXDEE	DEET (ug/L)
lab26pp	DEET comment code	URDDEELC	DEET comment code
phypa	Daidzein	URXDAZ	Daidzein (ng/mL)
ph	Dietary supplements fast time (hours)	PHASUPHR	Dietary supplements fast time (hours)
ph	Dietary supplements fast time (minutes)	PHASUPMN	Dietary supplements fast time (minutes)
ph	Dietary supplements?	PHQ060	Dietary supplements?
lab26pp	Diethyldithiophosphate	URXOP6	Diethyldithiophosphate (ug/L)
lab26pp	Diethylphosphate	URXOP2	Diethylphosphate (ug/L)
lab26pp	Diethylthiophosphate	URXOP4	Diethylthiophosphate (ug/L)
lab26pp	Dimethyldithiophosphate	URXOP5	Dimethyldithiophosphate (ug/L)

lab26pp	Dimethylphosphate	URXOP1	Dimethylphosphate (ug/L)
lab26pp	Dimethylthiophosphate	URXOP3	Dimethylthiophosphate (ug/L)
lab28poc	Dioxins Mec Weight Jack Knife Rep 01	WTSP001	Dioxins Mec Weight Jack Knife Rep 01
lab28poc	Dioxins Mec Weight Jack Knife Rep 02	WTSP002	Dioxins Mec Weight Jack Knife Rep 02
lab28poc	Dioxins Mec Weight Jack Knife Rep 03	WTSP003	Dioxins Mec Weight Jack Knife Rep 03
lab28poc	Dioxins Mec Weight Jack Knife Rep 04	WTSP004	Dioxins Mec Weight Jack Knife Rep 04
lab28poc	Dioxins Mec Weight Jack Knife Rep 05	WTSP005	Dioxins Mec Weight Jack Knife Rep 05
lab28poc	Dioxins Mec Weight Jack Knife Rep 06	WTSP006	Dioxins Mec Weight Jack Knife Rep 06
lab28poc	Dioxins Mec Weight Jack Knife Rep 07	WTSP007	Dioxins Mec Weight Jack Knife Rep 07
lab28poc	Dioxins Mec Weight Jack Knife Rep 08	WTSP008	Dioxins Mec Weight Jack Knife Rep 08
lab28poc	Dioxins Mec Weight Jack Knife Rep 09	WTSP009	Dioxins Mec Weight Jack Knife Rep 09
lab28poc	Dioxins Mec Weight Jack Knife Rep 10	WTSP010	Dioxins Mec Weight Jack Knife Rep 10
lab28poc	Dioxins Mec Weight Jack Knife Rep 11	WTSP011	Dioxins Mec Weight Jack Knife Rep 11
lab28poc	Dioxins Mec Weight Jack Knife Rep 12	WTSP012	Dioxins Mec Weight Jack Knife Rep 12
lab28poc	Dioxins Mec Weight Jack Knife Rep 13	WTSP013	Dioxins Mec Weight Jack Knife Rep 13
lab28poc	Dioxins Mec Weight Jack Knife Rep 14	WTSP014	Dioxins Mec Weight Jack Knife Rep 14
lab28poc	Dioxins Mec Weight Jack Knife Rep 15	WTSP015	Dioxins Mec Weight Jack Knife Rep 15
lab28poc	Dioxins Mec Weight Jack Knife Rep 16	WTSP016	Dioxins Mec Weight Jack Knife Rep 16
lab28poc	Dioxins Mec Weight Jack Knife Rep 17	WTSP017	Dioxins Mec Weight Jack Knife Rep 17
lab28poc	Dioxins Mec Weight Jack Knife Rep 18	WTSP018	Dioxins Mec Weight Jack Knife Rep 18
lab28poc	Dioxins Mec Weight Jack Knife Rep 19	WTSP019	Dioxins Mec Weight Jack Knife Rep 19
lab28poc	Dioxins Mec Weight Jack Knife Rep 20	WTSP020	Dioxins Mec Weight Jack Knife Rep 20
lab28poc	Dioxins Mec Weight Jack Knife Rep 21	WTSP021	Dioxins Mec Weight Jack Knife Rep 21
lab28poc	Dioxins Mec Weight Jack Knife Rep 22	WTSP022	Dioxins Mec Weight Jack Knife Rep 22
lab28poc	Dioxins Mec Weight Jack Knife Rep 23	WTSP023	Dioxins Mec Weight Jack Knife Rep 23
lab28poc	Dioxins Mec Weight Jack Knife Rep 24	WTSP024	Dioxins Mec Weight Jack Knife Rep 24
lab28poc	Dioxins Mec Weight Jack Knife Rep 25	WTSP025	Dioxins Mec Weight Jack Knife Rep 25
lab28poc	Dioxins Mec Weight Jack Knife Rep 26	WTSP026	Dioxins Mec Weight Jack Knife Rep 26
lab28poc	Dioxins Mec Weight Jack Knife Rep 27	WTSP027	Dioxins Mec Weight Jack Knife Rep 27
lab28poc	Dioxins Mec Weight Jack Knife Rep 28	WTSP028	Dioxins Mec Weight Jack Knife Rep 28
lab28poc	Dioxins Mec Weight Jack Knife Rep 29	WTSP029	Dioxins Mec Weight Jack Knife Rep 29
lab28poc	Dioxins Mec Weight Jack Knife Rep 30	WTSP030	Dioxins Mec Weight Jack Knife Rep 30
lab28poc	Dioxins Mec Weight Jack Knife Rep 31	WTSP031	Dioxins Mec Weight Jack Knife Rep 31
lab28poc	Dioxins Mec Weight Jack Knife Rep 32	WTSP032	Dioxins Mec Weight Jack Knife Rep 32
lab28poc	Dioxins Mec Weight Jack Knife Rep 33	WTSP033	Dioxins Mec Weight Jack Knife Rep 33
lab28poc	Dioxins Mec Weight Jack Knife Rep 34	WTSP034	Dioxins Mec Weight Jack Knife Rep 34
lab28poc	Dioxins Mec Weight Jack Knife Rep 35	WTSP035	Dioxins Mec Weight Jack Knife Rep 35

lab28poc	Dioxins Mec Weight Jack Knife Rep 36	WTSP036	Dioxins Mec Weight Jack Knife Rep 36
lab28poc	Dioxins Mec Weight Jack Knife Rep 37	WTSP037	Dioxins Mec Weight Jack Knife Rep 37
lab28poc	Dioxins Mec Weight Jack Knife Rep 38	WTSP038	Dioxins Mec Weight Jack Knife Rep 38
lab28poc	Dioxins Mec Weight Jack Knife Rep 39	WTSP039	Dioxins Mec Weight Jack Knife Rep 39
lab28poc	Dioxins Mec Weight Jack Knife Rep 40	WTSP040	Dioxins Mec Weight Jack Knife Rep 40
lab28poc	Dioxins Mec Weight Jack Knife Rep 41	WTSP041	Dioxins Mec Weight Jack Knife Rep 41
lab28poc	Dioxins Mec Weight Jack Knife Rep 42	WTSP042	Dioxins Mec Weight Jack Knife Rep 42
lab28poc	Dioxins Mec Weight Jack Knife Rep 43	WTSP043	Dioxins Mec Weight Jack Knife Rep 43
lab28poc	Dioxins Mec Weight Jack Knife Rep 44	WTSP044	Dioxins Mec Weight Jack Knife Rep 44
lab28poc	Dioxins Mec Weight Jack Knife Rep 45	WTSP045	Dioxins Mec Weight Jack Knife Rep 45
lab28poc	Dioxins Mec Weight Jack Knife Rep 46	WTSP046	Dioxins Mec Weight Jack Knife Rep 46
lab28poc	Dioxins Mec Weight Jack Knife Rep 47	WTSP047	Dioxins Mec Weight Jack Knife Rep 47
lab28poc	Dioxins Mec Weight Jack Knife Rep 48	WTSP048	Dioxins Mec Weight Jack Knife Rep 48
lab28poc	Dioxins Mec Weight Jack Knife Rep 49	WTSP049	Dioxins Mec Weight Jack Knife Rep 49
lab28poc	Dioxins Mec Weight Jack Knife Rep 50	WTSP050	Dioxins Mec Weight Jack Knife Rep 50
lab28poc	Dioxins Mec Weight Jack Knife Rep 51	WTSP051	Dioxins Mec Weight Jack Knife Rep 51
lab28poc	Dioxins Mec Weight Jack Knife Rep 52	WTSP052	Dioxins Mec Weight Jack Knife Rep 52
lab28poc	Dioxins Subsample 2 Year Mec Weight	WTSP02YR	Dioxins Subsample 2 Year Mec Weight
phpypa	Enterodiol	URXETD	Enterodiol (ng/mL)
phpypa	Enterolactone	URXETL	Enterolactone (ng/mL)
lab25	Eosinophils number	LBDEONO	Eosinophils number
lab25	Eosinophils percent	LBXEOPCT	Eosinophils percent (%)
phpypa	Equol	URXEQU	Equol (ng/mL)
lab06	Ferritin	LBDFFERSI	Ferritin (ug/L)
lab06	Ferritin	LBXFER	Ferritin (ng/mL)
lab11	Fibrinogen	LBDFFBSI	Fibrinogen (g/L)
lab11	Fibrinogen	LBXFB	Fibrinogen (mg/dL)
lab06	Folate, Red Blood Cell	LBDFFBSI	Folate, RBC (nmol/L RBC)
lab06	Folate, Red Blood Cell	LBXRBF	Folate, RBC (ng/mL RBC)
lab06	Folate, serum	LBDFFOLSI	Folate, serum (nmol/L)
lab06	Folate, serum	LBXFOL	Folate, serum (ng/mL)
lab18	Follicle stimulating hormone	LBDFFSHSI	Follicle stimulating hormone (IU/L)
lab18	Follicle stimulating hormone	LBXFSH	Follicle stimulating hormone (mIU/mL)
lab28poc	G-hexachlorocyclohexane Lipid Adj	LBXGHCLA	G-hexachlorocyclohexane Lipid Adj (ng/g)
lab18	GGT	LBXSGTSI	GGT (U/L)
lab06	Gamma tocopherol	LBDGTCSI	Gamma tocopherol (umol/L)
lab06	Gamma tocopherol	LBXGTC	Gamma tocopherol (ug/dL)

lab28poc	Gamma-hexachlorocyclohexane	LBXGHC	Gamma-hexachlorocyclohexane (ng/g)
lab28poc	Gamma-hexachlorocyclohexane comment code	LBDGHCLC	Gamma-hexachlorocyclohexane comment code
phpypa	Genistein	URXGNS	Genistein (ng/mL)
lab18	Globulin	LBDGBSI	Globulin (g/L)
lab18	Globulin	LBXSGB	Globulin (g/dL)
lab10am	Glucose, plasma	LBXGLU	Glucose, plasma (mg/dL)
lab18	Glucose, serum	LBDGSLI	Glucose (mmol/L)
lab18	Glucose, serum	LBXSGL	Glucose (mg/dL)
lab10	Glycohemoglobin	LBXGH	Glycohemoglobin (%)
lab05	Gonorrhea, urine	URXUGC	Gonorrhea, urine
ph	Gum, mints cough drops fast time (hours)	PHAGUMHR	Gum, mints cough drops fast time (hours)
ph	Gum, mints, cough fast time (minutes)	PHAGUMMN	Gum, mints, cough fast time (minutes)
ph	Gum, mints, lozenges or cough drops	PHQ040	Gum, mints, lozenges or cough drops
lab13	HDL-cholesterol	LBDHDL	HDL-cholesterol (mg/dL)
lab13	HDL-cholesterol	LBDHDLSI	HDL-cholesterol (mmol/L)
lab03	HIV antibody western blot positive	LBDHI	HIV antibody test result
lab22	Hair mercury comment	HRDHGLC	Hair Mercury Comment-MQL
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 01	WTSHM01	Heavy Metal Mec Weight Jack Knife Rep 01
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 02	WTSHM02	Heavy Metal Mec Weight Jack Knife Rep 02
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 03	WTSHM03	Heavy Metal Mec Weight Jack Knife Rep 03
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 04	WTSHM04	Heavy Metal Mec Weight Jack Knife Rep 04
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 05	WTSHM05	Heavy Metal Mec Weight Jack Knife Rep 05
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 06	WTSHM06	Heavy Metal Mec Weight Jack Knife Rep 06
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 07	WTSHM07	Heavy Metal Mec Weight Jack Knife Rep 07
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 08	WTSHM08	Heavy Metal Mec Weight Jack Knife Rep 08
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 09	WTSHM09	Heavy Metal Mec Weight Jack Knife Rep 09
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 10	WTSHM10	Heavy Metal Mec Weight Jack Knife Rep 10
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 11	WTSHM11	Heavy Metal Mec Weight Jack Knife Rep 11
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 12	WTSHM12	Heavy Metal Mec Weight Jack Knife Rep 12
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 13	WTSHM13	Heavy Metal Mec Weight Jack Knife Rep 13
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 14	WTSHM14	Heavy Metal Mec Weight Jack Knife Rep 14
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 15	WTSHM15	Heavy Metal Mec Weight Jack Knife Rep 15
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 16	WTSHM16	Heavy Metal Mec Weight Jack Knife Rep 16
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 17	WTSHM17	Heavy Metal Mec Weight Jack Knife Rep 17
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 18	WTSHM18	Heavy Metal Mec Weight Jack Knife Rep 18
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 19	WTSHM19	Heavy Metal Mec Weight Jack Knife Rep 19
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 20	WTSHM20	Heavy Metal Mec Weight Jack Knife Rep 20

lab06hm	Heavy Metal Mec Weight Jack Knife Rep 21	WTSHM21	Heavy Metal Mec Weight Jack Knife Rep 21
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 22	WTSHM22	Heavy Metal Mec Weight Jack Knife Rep 22
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 23	WTSHM23	Heavy Metal Mec Weight Jack Knife Rep 23
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 24	WTSHM24	Heavy Metal Mec Weight Jack Knife Rep 24
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 25	WTSHM25	Heavy Metal Mec Weight Jack Knife Rep 25
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 26	WTSHM26	Heavy Metal Mec Weight Jack Knife Rep 26
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 27	WTSHM27	Heavy Metal Mec Weight Jack Knife Rep 27
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 28	WTSHM28	Heavy Metal Mec Weight Jack Knife Rep 28
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 29	WTSHM29	Heavy Metal Mec Weight Jack Knife Rep 29
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 30	WTSHM30	Heavy Metal Mec Weight Jack Knife Rep 30
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 31	WTSHM31	Heavy Metal Mec Weight Jack Knife Rep 31
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 32	WTSHM32	Heavy Metal Mec Weight Jack Knife Rep 32
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 33	WTSHM33	Heavy Metal Mec Weight Jack Knife Rep 33
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 34	WTSHM34	Heavy Metal Mec Weight Jack Knife Rep 34
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 35	WTSHM35	Heavy Metal Mec Weight Jack Knife Rep 35
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 36	WTSHM36	Heavy Metal Mec Weight Jack Knife Rep 36
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 37	WTSHM37	Heavy Metal Mec Weight Jack Knife Rep 37
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 38	WTSHM38	Heavy Metal Mec Weight Jack Knife Rep 38
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 39	WTSHM39	Heavy Metal Mec Weight Jack Knife Rep 39
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 40	WTSHM40	Heavy Metal Mec Weight Jack Knife Rep 40
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 41	WTSHM41	Heavy Metal Mec Weight Jack Knife Rep 41
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 42	WTSHM42	Heavy Metal Mec Weight Jack Knife Rep 42
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 43	WTSHM43	Heavy Metal Mec Weight Jack Knife Rep 43
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 44	WTSHM44	Heavy Metal Mec Weight Jack Knife Rep 44
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 45	WTSHM45	Heavy Metal Mec Weight Jack Knife Rep 45
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 46	WTSHM46	Heavy Metal Mec Weight Jack Knife Rep 46
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 47	WTSHM47	Heavy Metal Mec Weight Jack Knife Rep 47
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 48	WTSHM48	Heavy Metal Mec Weight Jack Knife Rep 48
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 49	WTSHM49	Heavy Metal Mec Weight Jack Knife Rep 49
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 50	WTSHM50	Heavy Metal Mec Weight Jack Knife Rep 50
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 51	WTSHM51	Heavy Metal Mec Weight Jack Knife Rep 51
lab06hm	Heavy Metal Mec Weight Jack Knife Rep 52	WTSHM52	Heavy Metal Mec Weight Jack Knife Rep 52
lab06hm	Heavy Metal Subsample 2 year Mec Weight	WTSHM2YR	Heavy Metal Subsample 2 Year Mec Weight
lab11	Helicobacter pylori	LBXHP1	Helicobacter pylori (ISR)
lab25	Hematocrit	LBXHCT	Hematocrit (%)
lab25	Hemoglobin	LBXHGB	Hemoglobin (g/dL)
ph	Hemophilia?	SEQ010	Hemophilia?

lab02	Hepatitis C antibody confirmed	LBDHCV	Hepatitis C antibody
lab28poc	Heptachlor Epoxide	LBXHPE	Heptachlor Epoxide (ng/g)
lab28poc	Heptachlor Epoxide Lipid Adj	LBXHPELA	Heptachlor Epoxide Lipid Adj (ng/g)
lab28poc	Heptachlor Epoxide comment code	LBDHPELC	Heptachlor Epoxide comment code
lab09	Herpes I	LBXHE1	Herpes I
lab09	Herpes II	LBXHE2	Herpes II
lab28poc	Hexachlorobenzene	LBXHCB	Hexachlorobenzene (ng/g)
lab28poc	Hexachlorobenzene Lipid Adj	LBXHCBLA	Hexachlorobenzene Lipid Adj (ng/g)
lab28poc	Hexachlorobenzene comment code	LBDHCBLC	Hexachlorobenzene comment code
lab06	Homocysteine	LBXHICY	Homocysteine (umol/L)
lab10am	Insulin	LBXIN	Insulin (uU/mL)
lab10am	Insulin	LBXINSI	Insulin: SI(pmol/L)
lab06	Iron	LBDIRNSI	Iron (umol/L)
lab06	Iron	LBXIRN	Iron (ug/dL)
lab18	Iron	LBDIRSIS	Iron (umol/L)
lab18	Iron, serum	LBXSIR	Iron (ug/dL)
lab18	LDH	LBXSLDSI	LDH (U/L)
lab13am	LDL-cholesterol	LBDLDL	LDL-cholesterol (mg/dL)
lab13am	LDL-cholesterol	LBDLDLSI	LDL-cholesterol (mmol/L)
lab07	Latex	LBXLA	Latex (IU/mL)
lab07	Latex class	LBXLACL	Latex class
lab06	Lead, Blood	LBDBPBSI	Lead (umol/L)
lab06	Lead, Blood	LBXBPB	Lead (ug/dL)
lab06hm	Lead, urine	URXUPB	Lead, urine (ng/mL)
lab18	Luteinizing hormone	LBDLHSI	Luteinizing hormone (IU/L)
lab18	Luteinizing hormone	LBXLH	Luteinizing hormone (mIU/mL)
lab25	Lymphocyte number	LBDLYMNO	Lymphocyte number
lab25	Lymphocyte percent	LBXLYPCT	Lymphocyte percent (%)
lab26pp	Malathion diacid	URXMAL	Malathion diacid (ug/L)
lab26pp	Malathion diacid comment code	URDMALLC	Malathion diacid comment code
lab25	Mean Corpuscular Hemoglobin Concentratio	LBXMC	MCHC (g/dL)
lab25	Mean cell hemoglobin	LBXMCHSI	Mean cell hemoglobin (pg)
lab25	Mean cell volume	LBXMCVSI	Mean cell volume (fL)
lab25	Mean platelet volume	LBXMPSI	Mean platelet volume (fL)
lab19	Measles	LBXME	Measles
lab06	Mercury, Inorganic, Blood	LBDIHGSI	Mercury, Inorganic (umol/L)
lab06	Mercury, Inorganic, Blood	LBXIHG	Mercury, Inorganic (ug/L)

lab22	Mercury, hair	HRXHG	Mercury, hair (ppm) MQL Version
lab06	Mercury, total, Blood	LBDTHGSI	Mercury, total (umol/L)
lab06	Mercury, total, Blood	LBXTHG	Mercury, total (ug/L)
lab06	Mercury, urine	URXUHG	Mercury, urine (ng/mL)
lab06	Methylmalonic acid	LBXMMA	Methylmalonic acid (umol/L)
lab28poc	Mirex	LBXMIR	Mirex (ng/g)
lab28poc	Mirex Lipid Adj	LBXMIRLA	Mirex Lipid Adj (ng/g)
lab28poc	Mirex comment code	LBDMIRLC	Mirex comment code
lab06hm	Molybdenum, urine	URXUMO	Molybdenum, urine (ng/mL)
lab25	Monocyte number	LBDMONO	Monocyte number
lab25	Monocyte percent	LBXMOPCT	Monocyte percent (%)
lab10am	Morning Mec Weight Jack Knife Rep 01	WTSAM01	Morning Mec Weight Jack Knife Rep 01
lab13am	Morning Mec Weight Jack Knife Rep 01	WTSAM01	Morning Mec Weight Jack Knife Rep 01
lab10am	Morning Mec Weight Jack Knife Rep 02	WTSAM02	Morning Mec Weight Jack Knife Rep 02
lab13am	Morning Mec Weight Jack Knife Rep 02	WTSAM02	Morning Mec Weight Jack Knife Rep 02
lab10am	Morning Mec Weight Jack Knife Rep 03	WTSAM03	Morning Mec Weight Jack Knife Rep 03
lab13am	Morning Mec Weight Jack Knife Rep 03	WTSAM03	Morning Mec Weight Jack Knife Rep 03
lab10am	Morning Mec Weight Jack Knife Rep 04	WTSAM04	Morning Mec Weight Jack Knife Rep 04
lab13am	Morning Mec Weight Jack Knife Rep 04	WTSAM04	Morning Mec Weight Jack Knife Rep 04
lab10am	Morning Mec Weight Jack Knife Rep 05	WTSAM05	Morning Mec Weight Jack Knife Rep 05
lab13am	Morning Mec Weight Jack Knife Rep 05	WTSAM05	Morning Mec Weight Jack Knife Rep 05
lab10am	Morning Mec Weight Jack Knife Rep 06	WTSAM06	Morning Mec Weight Jack Knife Rep 06
lab13am	Morning Mec Weight Jack Knife Rep 06	WTSAM06	Morning Mec Weight Jack Knife Rep 06
lab10am	Morning Mec Weight Jack Knife Rep 07	WTSAM07	Morning Mec Weight Jack Knife Rep 07
lab13am	Morning Mec Weight Jack Knife Rep 07	WTSAM07	Morning Mec Weight Jack Knife Rep 07
lab10am	Morning Mec Weight Jack Knife Rep 08	WTSAM08	Morning Mec Weight Jack Knife Rep 08
lab13am	Morning Mec Weight Jack Knife Rep 08	WTSAM08	Morning Mec Weight Jack Knife Rep 08
lab10am	Morning Mec Weight Jack Knife Rep 09	WTSAM09	Morning Mec Weight Jack Knife Rep 09
lab13am	Morning Mec Weight Jack Knife Rep 09	WTSAM09	Morning Mec Weight Jack Knife Rep 09
lab10am	Morning Mec Weight Jack Knife Rep 10	WTSAM10	Morning Mec Weight Jack Knife Rep 10
lab13am	Morning Mec Weight Jack Knife Rep 10	WTSAM10	Morning Mec Weight Jack Knife Rep 10
lab10am	Morning Mec Weight Jack Knife Rep 11	WTSAM11	Morning Mec Weight Jack Knife Rep 11
lab13am	Morning Mec Weight Jack Knife Rep 11	WTSAM11	Morning Mec Weight Jack Knife Rep 11
lab10am	Morning Mec Weight Jack Knife Rep 12	WTSAM12	Morning Mec Weight Jack Knife Rep 12
lab13am	Morning Mec Weight Jack Knife Rep 12	WTSAM12	Morning Mec Weight Jack Knife Rep 12
lab10am	Morning Mec Weight Jack Knife Rep 13	WTSAM13	Morning Mec Weight Jack Knife Rep 13
lab13am	Morning Mec Weight Jack Knife Rep 13	WTSAM13	Morning Mec Weight Jack Knife Rep 13







lab10am	Morning Mec Weight Jack Knife Rep 51	WTSAM51	Morning Mec Weight Jack Knife Rep 51
lab13am	Morning Mec Weight Jack Knife Rep 51	WTSAM51	Morning Mec Weight Jack Knife Rep 51
lab10am	Morning Mec Weight Jack Knife Rep 52	WTSAM52	Morning Mec Weight Jack Knife Rep 52
lab13am	Morning Mec Weight Jack Knife Rep 52	WTSAM52	Morning Mec Weight Jack Knife Rep 52
lab10am	Morning Subsample 2 Year Mec Weight	WTSAM2YR	Morning Subsample 2 Year Mec Weight
lab13am	Morning Subsample 2 Year Mec Weight	WTSAM2YR	Morning Subsample 2 Year Mec Weight
lab11	N-telopeptides	URXNT	N-telopeptides (NTx) (nmol BCE)
lab26pp	O-Phenyl phenol	URXOPP	O-Phenyl phenol (ug/L)
lab26pp	O-Phenyl phenol comment code	URDOPPLC	O-Phenyl phenol comment code
lab18	Osmolality	LBXSOSSI	Osmolality (mOsm/L)
lab28poc	Oxychlordane	LBXOXY	Oxychlordane (ng/g)
lab28poc	Oxychlordane Lipid Adj	LBXOXYLA	Oxychlordane Lipid Adj (ng/g)
lab28poc	Oxychlordane comment code	LBDXOXYLC	Oxychlordane comment code
lab26pp	Oxypyrimidine	URXDIZ	Oxypyrimidine (ug/L)
lab26pp	Oxypyrimidine comment code	URDDIZLC	Oxypyrimidine comment code
lab28poc	PCB101	LBX101	PCB101 (ng/g)
lab28poc	PCB101 Lipid Adj	LBX101LA	PCB101 Lipid Adj (ng/g)
lab28poc	PCB101 comment code	LBD101LC	PCB101 comment code
lab28poc	PCB105	LBX105	PCB105 (ng/g)
lab28poc	PCB105 Lipid Adj	LBX105LA	PCB105 Lipid Adj (ng/g)
lab28poc	PCB105 comment code	LBD105LC	PCB105 comment code
lab28poc	PCB118	LBX118	PCB118 (ng/g)
lab28poc	PCB118 Lipid Adj	LBX118LA	PCB118 Lipid Adj (ng/g)
lab28poc	PCB118 comment code	LBD118LC	PCB118 comment code
lab28poc	PCB128	LBX128	PCB128 (ng/g)
lab28poc	PCB128 Lipid Adj	LBX128LA	PCB128 Lipid Adj (ng/g)
lab28poc	PCB128 comment code	LBD128LC	PCB128 comment code
lab28poc	PCB138	LBX138	PCB138 (ng/g)
lab28poc	PCB138 Lipid Adj	LBX138LA	PCB138 Lipid Adj (ng/g)
lab28poc	PCB138 comment code	LBD138LC	PCB138 comment code
lab28poc	PCB146	LBX146	PCB146 (ng/g)
lab28poc	PCB146 Lipid Adj	LBX146LA	PCB146 Lipid Adj (ng/g)
lab28poc	PCB146 comment code	LBD146LC	PCB146 comment code
lab28poc	PCB153	LBX153	PCB153 (ng/g)
lab28poc	PCB153 Lipid Adj	LBX153LA	PCB153 Lipid Adj (ng/g)
lab28poc	PCB153 comment code	LBD153LC	PCB153 comment code
lab28poc	PCB156	LBX156	PCB156 (ng/g)

lab28poc	PCB156 Lipid Adj	LBX156LA	PCB156 Lipid Adj (ng/g)
lab28poc	PCB156 comment code	LBD156LC	PCB156 comment code
lab28poc	PCB157	LBX157	PCB157 (ng/g)
lab28poc	PCB157 Lipid Adj	LBX157LA	PCB157 Lipid Adj (ng/g)
lab28poc	PCB157 comment code	LBD157LC	PCB157 comment code
lab28poc	PCB167	LBX167	PCB167 (ng/g)
lab28poc	PCB167 Lipid Adj	LBX167LA	PCB167 Lipid Adj (ng/g)
lab28poc	PCB167 comment code	LBD167LC	PCB167 comment code
lab28poc	PCB170	LBX170	PCB170 (ng/g)
lab28poc	PCB170 Lipid Adj	LBX170LA	PCB170 Lipid Adj (ng/g)
lab28poc	PCB170 comment code	LBD170LC	PCB170 comment code
lab28poc	PCB172	LBX172	PCB172 (ng/g)
lab28poc	PCB172 Lipid Adj	LBX172LA	PCB172 Lipid Adj (ng/g)
lab28poc	PCB172 comment code	LBD172LC	PCB172 comment code
lab28poc	PCB177	LBX177	PCB177 (ng/g)
lab28poc	PCB177 Lipid Adj	LBX177LA	PCB177 Lipid Adj (ng/g)
lab28poc	PCB177 comment code	LBD177LC	PCB177 comment code
lab28poc	PCB178	LBX178	PCB178 (ng/g)
lab28poc	PCB178 Lipid Adj	LBX178LA	PCB178 Lipid Adj (ng/g)
lab28poc	PCB178 comment code	LBD178LC	PCB178 comment code
lab28poc	PCB180	LBX180	PCB180 (ng/g)
lab28poc	PCB180 Lipid Adj	LBX180LA	PCB180 Lipid Adj (ng/g)
lab28poc	PCB180 comment code	LBD180LC	PCB180 comment code
lab28poc	PCB183	LBX183	PCB183 (ng/g)
lab28poc	PCB183 Lipid Adj	LBX183LA	PCB183 Lipid Adj (ng/g)
lab28poc	PCB183 comment code	LBD183LC	PCB183 comment code
lab28poc	PCB187	LBX187	PCB187 (ng/g)
lab28poc	PCB187 Lipid Adj	LBX187LA	PCB187 Lipid Adj (ng/g)
lab28poc	PCB187 comment code	LBD187LC	PCB187 comment code
lab28poc	PCB28	LBX028	PCB28 (ng/g)
lab28poc	PCB28 Lipid Adj (ng/g)	LBX028LA	PCB28 Lipid Adj (ng/g)
lab28poc	PCB28 comment code	LBD028LC	PCB28 comment code
lab28poc	PCB52	LBX052	PCB52 (ng/g)
lab28poc	PCB52 Lipid Adj	LBX052LA	PCB52 Lipid Adj (ng/g)
lab28poc	PCB52 comment code	LBD052LC	PCB52 comment code
lab28poc	PCB66	LBX066	PCB66 (ng/g)
lab28poc	PCB66 Lipid Adj	LBX066LA	PCB66 Lipid Adj (ng/g)

lab28poc	PCB66 comment code	LBD066LC	PCB66 comment code
lab28poc	PCB74	LBX074	PCB74 (ng/g)
lab28poc	PCB74 Lipid Adj	LBX074LA	PCB74 Lipid Adj (ng/g)
lab28poc	PCB74 comment code	LBD074LC	PCB74 comment code
lab28poc	PCB99	LBX099	PCB99 (ng/g)
lab28poc	PCB99 Lipid Adj	LBX099LA	PCB99 Lipid Adj (ng/g)
lab28poc	PCB99 comment code	LBD099LC	PCB99 comment code
lab26pp	PPesticides Mec Weight Jack Knife Rep 01	WTSP01	PPesticides Mec Weight Jack Knife Rep 01
lab26pp	PPesticides Mec Weight Jack Knife Rep 02	WTSP02	PPesticides Mec Weight Jack Knife Rep 02
lab26pp	PPesticides Mec Weight Jack Knife Rep 03	WTSP03	PPesticides Mec Weight Jack Knife Rep 03
lab26pp	PPesticides Mec Weight Jack Knife Rep 04	WTSP04	PPesticides Mec Weight Jack Knife Rep 04
lab26pp	PPesticides Mec Weight Jack Knife Rep 05	WTSP05	PPesticides Mec Weight Jack Knife Rep 05
lab26pp	PPesticides Mec Weight Jack Knife Rep 06	WTSP06	PPesticides Mec Weight Jack Knife Rep 06
lab26pp	PPesticides Mec Weight Jack Knife Rep 07	WTSP07	PPesticides Mec Weight Jack Knife Rep 07
lab26pp	PPesticides Mec Weight Jack Knife Rep 08	WTSP08	PPesticides Mec Weight Jack Knife Rep 08
lab26pp	PPesticides Mec Weight Jack Knife Rep 09	WTSP09	PPesticides Mec Weight Jack Knife Rep 09
lab26pp	PPesticides Mec Weight Jack Knife Rep 10	WTSP10	PPesticides Mec Weight Jack Knife Rep 10
lab26pp	PPesticides Mec Weight Jack Knife Rep 11	WTSP11	PPesticides Mec Weight Jack Knife Rep 11
lab26pp	PPesticides Mec Weight Jack Knife Rep 12	WTSP12	PPesticides Mec Weight Jack Knife Rep 12
lab26pp	PPesticides Mec Weight Jack Knife Rep 13	WTSP13	PPesticides Mec Weight Jack Knife Rep 13
lab26pp	PPesticides Mec Weight Jack Knife Rep 14	WTSP14	PPesticides Mec Weight Jack Knife Rep 14
lab26pp	PPesticides Mec Weight Jack Knife Rep 15	WTSP15	PPesticides Mec Weight Jack Knife Rep 15
lab26pp	PPesticides Mec Weight Jack Knife Rep 16	WTSP16	PPesticides Mec Weight Jack Knife Rep 16
lab26pp	PPesticides Mec Weight Jack Knife Rep 17	WTSP17	PPesticides Mec Weight Jack Knife Rep 17
lab26pp	PPesticides Mec Weight Jack Knife Rep 18	WTSP18	PPesticides Mec Weight Jack Knife Rep 18
lab26pp	PPesticides Mec Weight Jack Knife Rep 19	WTSP19	PPesticides Mec Weight Jack Knife Rep 19
lab26pp	PPesticides Mec Weight Jack Knife Rep 20	WTSP20	PPesticides Mec Weight Jack Knife Rep 20
lab26pp	PPesticides Mec Weight Jack Knife Rep 21	WTSP21	PPesticides Mec Weight Jack Knife Rep 21
lab26pp	PPesticides Mec Weight Jack Knife Rep 22	WTSP22	PPesticides Mec Weight Jack Knife Rep 22
lab26pp	PPesticides Mec Weight Jack Knife Rep 23	WTSP23	PPesticides Mec Weight Jack Knife Rep 23
lab26pp	PPesticides Mec Weight Jack Knife Rep 24	WTSP24	PPesticides Mec Weight Jack Knife Rep 24
lab26pp	PPesticides Mec Weight Jack Knife Rep 25	WTSP25	PPesticides Mec Weight Jack Knife Rep 25
lab26pp	PPesticides Mec Weight Jack Knife Rep 26	WTSP26	PPesticides Mec Weight Jack Knife Rep 26
lab26pp	PPesticides Mec Weight Jack Knife Rep 27	WTSP27	PPesticides Mec Weight Jack Knife Rep 27
lab26pp	PPesticides Mec Weight Jack Knife Rep 28	WTSP28	PPesticides Mec Weight Jack Knife Rep 28
lab26pp	PPesticides Mec Weight Jack Knife Rep 29	WTSP29	PPesticides Mec Weight Jack Knife Rep 29
lab26pp	PPesticides Mec Weight Jack Knife Rep 30	WTSP30	PPesticides Mec Weight Jack Knife Rep 30

lab26pp	PPesticides Mec Weight Jack Knife Rep 31	WTSP31	PPesticides Mec Weight Jack Knife Rep 31
lab26pp	PPesticides Mec Weight Jack Knife Rep 32	WTSP32	PPesticides Mec Weight Jack Knife Rep 32
lab26pp	PPesticides Mec Weight Jack Knife Rep 33	WTSP33	PPesticides Mec Weight Jack Knife Rep 33
lab26pp	PPesticides Mec Weight Jack Knife Rep 34	WTSP34	PPesticides Mec Weight Jack Knife Rep 34
lab26pp	PPesticides Mec Weight Jack Knife Rep 35	WTSP35	PPesticides Mec Weight Jack Knife Rep 35
lab26pp	PPesticides Mec Weight Jack Knife Rep 36	WTSP36	PPesticides Mec Weight Jack Knife Rep 36
lab26pp	PPesticides Mec Weight Jack Knife Rep 37	WTSP37	PPesticides Mec Weight Jack Knife Rep 37
lab26pp	PPesticides Mec Weight Jack Knife Rep 38	WTSP38	PPesticides Mec Weight Jack Knife Rep 38
lab26pp	PPesticides Mec Weight Jack Knife Rep 39	WTSP39	PPesticides Mec Weight Jack Knife Rep 39
lab26pp	PPesticides Mec Weight Jack Knife Rep 40	WTSP40	PPesticides Mec Weight Jack Knife Rep 40
lab26pp	PPesticides Mec Weight Jack Knife Rep 41	WTSP41	PPesticides Mec Weight Jack Knife Rep 41
lab26pp	PPesticides Mec Weight Jack Knife Rep 42	WTSP42	PPesticides Mec Weight Jack Knife Rep 42
lab26pp	PPesticides Mec Weight Jack Knife Rep 43	WTSP43	PPesticides Mec Weight Jack Knife Rep 43
lab26pp	PPesticides Mec Weight Jack Knife Rep 44	WTSP44	PPesticides Mec Weight Jack Knife Rep 44
lab26pp	PPesticides Mec Weight Jack Knife Rep 45	WTSP45	PPesticides Mec Weight Jack Knife Rep 45
lab26pp	PPesticides Mec Weight Jack Knife Rep 46	WTSP46	PPesticides Mec Weight Jack Knife Rep 46
lab26pp	PPesticides Mec Weight Jack Knife Rep 47	WTSP47	PPesticides Mec Weight Jack Knife Rep 47
lab26pp	PPesticides Mec Weight Jack Knife Rep 48	WTSP48	PPesticides Mec Weight Jack Knife Rep 48
lab26pp	PPesticides Mec Weight Jack Knife Rep 49	WTSP49	PPesticides Mec Weight Jack Knife Rep 49
lab26pp	PPesticides Mec Weight Jack Knife Rep 50	WTSP50	PPesticides Mec Weight Jack Knife Rep 50
lab26pp	PPesticides Mec Weight Jack Knife Rep 51	WTSP51	PPesticides Mec Weight Jack Knife Rep 51
lab26pp	PPesticides Mec Weight Jack Knife Rep 52	WTSP52	PPesticides Mec Weight Jack Knife Rep 52
lab26pp	PPesticides Subsample 2 Year Mec Weight	WTSP2YR	PPesticides Subsample 2 Year Mec Weight
lab26pp	Paranitrophenol	URXPAR	Paranitrophenol (ug/L)
lab26pp	Paranitrophenol comment code	URDPARLC	Paranitrophenol comment code
lab26pp	Pentachlorophenol	URXPCP	Pentachlorophenol (ug/L)
lab26pp	Pentachlorophenol comment code	URDPCPLC	Pentachlorophenol comment code
lab22	Permanent, straightened, or dyed	HRQ010	Permanent, straightened, or dyed
lab18	Phosphorus	LBDSPHSI	Phosphorus (mmol/L)
lab18	Phosphorus	LBXSPH	Phosphorus (mg/dL)
phpypa	Phthalate Mec Weight Jack Knife Rep 01	WTSPH01	Phthalate Mec Weight Jack Knife Rep 01
phpypa	Phthalate Mec Weight Jack Knife Rep 02	WTSPH02	Phthalate Mec Weight Jack Knife Rep 02
phpypa	Phthalate Mec Weight Jack Knife Rep 03	WTSPH03	Phthalate Mec Weight Jack Knife Rep 03
phpypa	Phthalate Mec Weight Jack Knife Rep 04	WTSPH04	Phthalate Mec Weight Jack Knife Rep 04
phpypa	Phthalate Mec Weight Jack Knife Rep 05	WTSPH05	Phthalate Mec Weight Jack Knife Rep 05
phpypa	Phthalate Mec Weight Jack Knife Rep 06	WTSPH06	Phthalate Mec Weight Jack Knife Rep 06
phpypa	Phthalate Mec Weight Jack Knife Rep 07	WTSPH07	Phthalate Mec Weight Jack Knife Rep 07



phpypa	Phthalate Mec Weight Jack Knife Rep 45	WTSPH45	Phthalate Mec Weight Jack Knife Rep 45
phpypa	Phthalate Mec Weight Jack Knife Rep 46	WTSPH46	Phthalate Mec Weight Jack Knife Rep 46
phpypa	Phthalate Mec Weight Jack Knife Rep 47	WTSPH47	Phthalate Mec Weight Jack Knife Rep 47
phpypa	Phthalate Mec Weight Jack Knife Rep 48	WTSPH48	Phthalate Mec Weight Jack Knife Rep 48
phpypa	Phthalate Mec Weight Jack Knife Rep 49	WTSPH49	Phthalate Mec Weight Jack Knife Rep 49
phpypa	Phthalate Mec Weight Jack Knife Rep 50	WTSPH50	Phthalate Mec Weight Jack Knife Rep 50
phpypa	Phthalate Mec Weight Jack Knife Rep 51	WTSPH51	Phthalate Mec Weight Jack Knife Rep 51
phpypa	Phthalate Mec Weight Jack Knife Rep 52	WTSPH52	Phthalate Mec Weight Jack Knife Rep 52
phpypa	Phthalate Subsample 2 Year Mec Weight	WTSPH2YR	Phthalate Subsample 2 Year Mec Weight
lab10am	Plasma glucose	LBXGLUSI	Plasma glucose: SI(mmol/L)
lab25	Platelet count	LBXPLTSI	Platelet count (%) SI
lab06hm	Platinum, urine	URXUPT	Platinum, urine (ng/mL)
lab18	Potassium	LBXSKSI	Potassium (mmol/L)
uc	Pregnancy test result	URXPREG	Pregnancy test result
lab18	Protein, total	LBDSTPSI	Protein, total (g/L)
lab18	Protein, total	LBXSTP	Protein, total (g/dL)
lab06	Protoporphyrin	LBDEPPSI	Protoporphyrin (umol/L RBC)
lab06	Protoporphyrin	LBXEPP	Protoporphyrin (ug/dL RBC)
lab25	Red blood cell count	LBXRBCSI	Red cell count SI
lab25	Red cell distribution width	LBXRDW	Red cell distribution width (%)
lab06	Retinyl palmitate	LBDRPLSI	Retinyl palmitate (umol/L)
lab06	Retinyl palmitate	LBXRPL	Retinyl palmitate (ug/dL)
lab06	Retinyl stearate	LBDRSTSI	Retinyl stearate(umol/L)
lab06	Retinyl stearate	LBXRST	Retinyl stearate (ug/dL)
lab19	Rubella	LBDRUIU	Rubella International Units
lab25	Segmented neutrophils number	LBDNENO	Segmented neutrophils number
lab25	Segmented neutrophils percent	LBXNEPCT	Segmented neutrophils percent (%)
lab06	Selenium	LBDSELSI	Selenium (nmol/L)
lab06	Selenium	LBXSEL	Selenium (ng/mL)
lab18	Sodium	LBXSNASI	Sodium (mmol/L)
lab06	TIBC	LBDTIBSI	TIBC (umol/L)
lab06	TIBC	LBXTIB	TIBC (ug/dL)
lab06hm	Thallium, urine	URXUTL	Thallium, urine (ng/mL)
lab18	Total Calcium	LBDSCASI	Calcium, total (mmol/L)
lab18	Total Calcium	LBXSCA	Calcium, total (mg/dL)
lab18	Total Cholesterol	LBDSCHSI	Cholesterol, total (mmol/L)
lab18	Total Cholesterol	LBXSCH	Cholesterol, total (mg/dL)

lab13	Total cholesterol	LBDTCSI	Total cholesterol (mmol/L)
lab13	Total cholesterol	LBXTC	Total cholesterol (mg/dL)
ph	Total length of 'food fast,' hours	PHAFSTHR	Total length of "food fast," hours
ph	Total length of 'food fast,' minutes	PHAFSTMN	Total length of "food fast," minutes
lab17	Toxoplasma	LBXTO1	Toxoplasma (IgG)
lab17	Toxoplasma	LBXTO2	Toxoplasma (IgM)
lab17	Toxoplasma (Avidity IgG) interpretation	LBXTO5IN	Toxoplasma (Avidity IgG) interpretation
lab17	Toxoplasma (Avidity) IgG	LBXTO5	Toxoplasma (Avidity) IgG
lab17	Toxoplasma (Dye)	LBXTO3	Toxoplasma (Dye)
lab17	Toxoplasma Agglutin interpretation	LBXTO4IN	Toxoplasma Agglutin interpretation
lab17	Toxoplasma Differential Agglutination	LBXTO4	Toxoplasma Differential Agglutination
lab28poc	Trans-nonachlor Lipid Adj	LBXTNALA	Trans-nonachlor Lipid Adj (ng/g)
lab06	Transferrin saturation	LBXPCT	Transferrin saturation (%)
lab13am	Triglyceride	LBDTRSI	Triglyceride (mmol/L)
lab13am	Triglyceride	LBXTR	Triglyceride (mg/dL)
lab18	Triglycerides	LBDSTRSI	Triglycerides (mmol/L)
lab18	Triglycerides	LBXSTR	Triglycerides (mg/dL)
lab06hm	Tungsten, urine	URXUTU	Tungsten, urine (ng/mL)
lab18	Uric acid	LBDSUASI	Uric acid (umol/L)
lab18	Uric acid	LBXSUA	Uric acid (mg/dL)
lab06hm	Urinary cadmium comment code	URDUCDLC	Urinary cadmium comment code
lab19	Varicella	LBXVAR	Varicella
lab06	Vitamin A	LBDVIASI	Vitamin A (umol/L)
lab06	Vitamin A	LBXVIA	Vitamin A (ug/dL)
lab06	Vitamin B12, serum	LBDB12SI	Vitamin B12, serum (pmol/L)
lab06	Vitamin B12, serum	LBXB12	Vitamin B12, serum (pg/mL)
lab06	Vitamin E	LBDVIESI	Vitamin E (umol/L)
lab06	Vitamin E	LBXVIE	Vitamin E (ug/dL)
lab25	White blood cell count	LBXWBCSI	White blood cell count (SI)
ph	cancer chemotherapy past or future 4 wks	SEQ020	cancer chemotherapy past or future 4 wks
phpypa	mono-(2-ethyl)-hexyl phthalate	URXMHP	mono-(2-ethyl)-hexyl phthalate (ng/mL)
phpypa	mono-benzyl phthalate	URXMZP	mono-benzyl phthalate (ng/mL)
phpypa	mono-cyclohexyl phthalate	URXMCP	mono-cyclohexyl phthalate (ng/mL)
phpypa	mono-ethyl phthalate	URXMEDP	mono-ethyl phthalate (ng/mL)
phpypa	mono-isononyl phthalate	URXMNP	mono-isononyl phthalate (ng/mL)
phpypa	mono-n-butyl phthalate	URXMBP	mono-n-butyl phthalate (ng/mL)
phpypa	mono-n-octyl phthalate	URXMOP	mono-n-octyl phthalate (ng/mL)



lab28poc	o,p'-DDT	LBXODT	o,p'-DDT (ng/g)
lab28poc	o,p'-DDT comment code	LBDODTLC	o,p'-DDT comment code
phpypa	o-Desmethylangolensin (O-DMA)	URXDMA	o-Desmethylangolensin (O-DMA) (ng/mL)
lab28poc	opDDT Lipid Adj	LBXODTLA	opDDT Lipid Adj (ng/g)
lab28poc	p,p'-DDE (ng/g)	LBXPDE	p,p'-DDE (ng/g)
lab28poc	p,p'-DDE comment code	LBDPDELC	p,p'-DDE comment code
lab28poc	p,p'-DDT	LBXPDT	p,p'-DDT (ng/g)
lab28poc	p,p'-DDT comment code	LBDPDTLC	p,p'-DDT comment code
lab28poc	ppDDE Lipid Adj	LBXPDELA	ppDDE Lipid Adj (ng/g)
lab28poc	ppDDT Lipid Adj	LBXPDTLA	ppDDT Lipid Adj (ng/g)
lab28poc	trans-Nonachlor	LBXTNA	trans-Nonachlor (ng/g)
lab28poc	trans-Nonachlor comment code	LBDTNALC	trans-Nonachlor comment code